NRG Energy, Inc.
P.O. Box 1001
1866 River Road
Middletown, CT 06457

September 30, 2011

Mr. Gene Shteynberg
CT Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106

Subject: Semi-Annual Site Status Update and Schedule Adjustment Request
Middletown Station, 1866 River Road, CT

Dear Mr. Shteynberg:

Middletown Power LLC respectfully submits the enclosed Semi Annual Site Status Update and Schedule Adjustment Request prepared by Shaw Environmental & Infrastructure, Inc. (Shaw) for the Middletown Station. This status update covers environmental activities performed from December 2010 through July 2011 at the subject site and includes an updated schedule.

Please contact Keith Shortsleeve, Environmental Compliance Specialist at Middletown Power LLC with any questions or for additional information at (860) 638-3102 or via email at keith.shortsleeve@nrgenergy.com.

Sincerely,
Middletown Power LLC

Jeffrey Araujo
Plant Manager

Cc: K. Shortsleeve, Middletown Power LLC
B. Spooner, NRG (electronic)
Juan Perez, USEPA (electronic)
A. Walker, LEP, Shaw (electronic)
File

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Bureau of Water Protection and Land Reuse
Remediation Division

Date Stamp
(DEP Use Only)

Approval Request or Notice Transmittal Form

In accordance with RCSA Sections 22a-133k-1 through k-3 (RSRs)

Please complete this transmittal form to submit a request for the commissioner's approval or to provide notice to the commissioner, as required pursuant to the Remediation Standards Regulations, Sections 22a-133k-1 through k-3 (RSRs) of the Regulations of Connecticut State Agencies. Attach all information required by the applicable paragraph(s) in the RSRs for each type of request or notice to this transmittal form.

All sections of this form must be filled out, as applicable.

Groundwater Classification: **GB** Remediation ID No. (Rem#): **CTD000845230**

Site Identification

Site Name: **Middletown Power LLC**

Site Address: **1500 River Road**

City/Town: **Middletown** State: **CT** Zip Code: **06457**

Printed Name of LEP: **Andrew D. Walker** Phone: **617-589-6143**

Printed Name of Certifying Party or Property Owner (as appropriate):

Middletown Power LLC Phone: **860-638-3102**

Name of DEP Case Manager: **Gene Shteynberg**

Document Information (list document which contains request(s) or notice(s))

DOCUMENT	DATED	PREPARED BY
SEMI-ANNUAL STATUS UPDATE	SEPTEMBER 2011	Shaw Environmental Inc
NUMBER OF APPROVALS REQUESTED: 1	PAGE/SECTION IN DOCUMENT: ALL	
NUMBER OF NOTICES INCLUDED: 1	PAGE/SECTION IN DOCUMENT: NA	

Program Information (check the appropriate box)

- ☒ TRANSFER ACT (PURSUANT TO CGS SECTION 22A-134A)
- ☐ VOLUNTARY REMEDIATION (PURSUANT TO CGS SECTION 22A-133X OR 22A-133Y)
- ☐ DEP ENFORCEMENT / ORDER
- ☐ OTHER (SPECIFY):

Submit this completed form and supporting documents to:

REMEDIATION DIVISION, 2ND FLOOR,
BUREAU OF WATER PROTECTION AND LAND REUSE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM STREET, HARTFORD, CT 06106 - 5127

Approval Request or Notice Form (continued)

Rem#: **CTD000845230**

Approvals Requested with this Transmittal

Check each box that applies to the approval(s) requested with this transmittal.

Approvals Required by the Remediation Standard Regulations (RSR)	RSR Section References
☐ Alternative Direct Exposure Criteria	*22a-133k-2(d)(1) & (2)*
☐ Alternative Direct Exposure Criteria for PCBs	*22a-133k-2(d)(1) & (7)*
☐ Alternative Pollutant Mobility Criteria	*22a-133k-2(d)(1) & (3) or (5)*
☐ Alternative Pollutant Mobility Dilution/Dilution Attenuation Factor	*22a-133k-2(d)(1) & (4) or (6)*
☐ Alternative Surface Water Protection Criteria	*22a-133k-3(b)(3)(B)*
☐ Alternative Volatilization Criteria	*22a-133k-3(c)(4)(B)*
☐ Additional Direct Exposure Criteria	*22a-133k-2(b)(4)(A)*
☐ Additional Pollutant Mobility Criteria	*22a-133k-2(c)(5)*
☐ Additional Groundwater Protection Criteria	*22a-133k-3(h)(1)*
☐ Alternative Analytical Method	*22a-133k-2(e)(3)(A)(i) & 3(f)(4)(A)(i)*
☐ Widespread Polluted Fill Variance	*22a-133k-2(f)(1)*
☐ Use of Engineered Control	*22a-133k-2(f)(2)(B)*
☐ Reuse of Polluted Soil	*22a-133k-2(h)(3)*
☐ Indoor Air Monitoring Plan	*22a-133k-3(c)(5)(B)(i)*
☐ Exemption from Volatilization Criteria by demonstrating no building can be constructed	*22a-133k-3(c)(5)(A)*
☐ Variance Due to GW Technical Impracticability	*22a-133k-3(e)(2)*
☐ Alternative Groundwater Monitoring Plan	*22a-133k-3(g)(3)*
☐ Environmental Land Use Restriction (ELUR)	*22a-133q-1*
☒ Other (Specify): **Updated Site Schedule**	

Notices Submitted with this Transmittal

Check each box that applies to the notice(s) submitted with this transmittal.

Notices Required by the RSR	*RSR Section References*
☐ Polluted Soil Reuse On-site	*22a-133k-2(h)(3)*
☐ Use of Background Concentration in Soil	*22a-133k-2(a)(2)*
☐ Site Specific Dilution in GB Area	*22a-133k-2(c)(2)(E)(iii)*
☐ Volatilization Criteria	*22a-133k-3(c)(3)(B)*
☐ Verify Public Notice of Use of Engineered Control	*22a-133k-2(f)(2)(A)(iv)*
☐ Measures to Prevent Migration of Vapor into Overlying Building	*22a-133k-3(c)(3)(B)(iii)*
☐ Certifications of Notifications of a GW Remediation Variance	*22a-133k-3(e)(2)(C)*
☐ Soil VOC TCLP/SPLP Results to Comply with PMC in GA Areas	*22a-133k-2(c)(2)(B)(ii)(cc) or (iii)(bb)*
☐ Use of Upgradient Groundwater Policy*	**Notice requested, not required*
☐ Exemption for Groundwater Background Due to Technical Impracticability*	**Notice requested, not required*
☐ Other (Specify):	

September 30, 2011 Project #: 1009634015

Mr. Gene Shteynberg
CT Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106

Subject: Semi-Annual Site Status Update and Schedule Adjustment Request
Middletown Generating Station
Middletown, CT

Dear Mr. Shteynberg:

On behalf of Middletown Power LLC, Shaw Environmental & Infrastructure, Inc. (Shaw) has prepared this letter to provide a semi-annual site status update for the subject site. In addition, Shaw is providing the Connecticut Department of Energy & Environmental Protection (CTDEEP) with an updated schedule for continuing environmental activities at the site. Middletown Power LLC and its parent company, NRG Energy, Inc. request the CTDEEP to provide written approval of this updated schedule. A completed Approval Request or Notice Transmittal Form for both the request is provided.

2010/2011 ACTIVITIES

The environmental activities completed at the site between December 2010 and July 2011 include the following:

- **Public Notice** - Public notice for the use of an Engineered Control Variance at the site was published on June 7, 2011 to begin the 45-day public comment period (ended July 21, 2011).
- **Groundwater Monitoring** – Groundwater monitoring was performed in May 2011.
- **SB-1 Engineered Control Substantially Complete** – Settling Basin #1 (SB-1) Engineered Control (EC) construction activities were substantially completed on July 31, 2011.
- **SB-1 Inspections** – Informal inspection of the EC for SB-1 was conducted.
- **Environmental Response Actions** – Assessment and remediation of electrical bushing spill and debris from a storm water drainpipe installation.

These activities are described in more detail in the following pages of this letter. Correspondence, drawings, tables, and other supporting information is included in the attachments as necessary.

Public Notice for Engineered Control Variance

The Engineered Control Part 2 for the capping and covering work at the site was submitted to CTDEEP in November 2010. CTDEEP approved the Engineered Control Part 2 pending completion of public notice on March 30, 2011. The public notice was published in the Middletown Press on June 7, 2011 and the 45-day public comment period ended July 21, 2011. No comments were received and the Public Notice Verification Form was submitted to CTDEEP on July 28, 2011.

Groundwater Monitoring

Shaw conducted a site-wide groundwater sampling even on May 16, 2011 to further assess groundwater quality. Groundwater monitoring and sampling was completed at 11 monitoring wells. A list of the monitoring wells sampled and the analyses conducted is provided in the table below. Laboratory analysis was completed by Accutest Laboratories in Marlboro, Massachusetts.

Location	Laboratory Analysis May 16, 2011 Groundwater Monitoring Event			
	PAH	PPM	ETPH	VOC
TW-10		X	X	
TW-14		X	X	
TW-17D		X		
TW-18		X		
TW-21D		X		
AOC2-SB1-MW1		X		
AOC4-SB1-MW1				X
AOC5-MW1				X
AOC8-SB1-MW1	X	X	X	X
AOC9-SB1-MW1		X		
AOC9-SB2-MW2	X	X	X	X

Notes:
1. Polycyclic aromatic hydrocarbons (PAH) including 2-methlynapthalene by EPA method 8270.
2. Priority pollutant metals (PPM) including vanadium by EPA Method 6000/7000.
3. Extractable petroleum hydrocarbons (ETPH) by CTDEEP Method.
4. Volatile organic compounds (VOC) by EPA Method 8260.

During the groundwater sampling event, depth to groundwater was measured at each of the monitoring wells using an electronic interface probe (IP) capable of detecting light non-aqueous phase liquid (LNAPL). LNAPL was not detected in monitoring wells gauged during this event. Results of water level monitoring from May 2011 are summarized in **Table 1**.

During the May 2011 groundwater monitoring event, Shaw collected groundwater samples from the monitoring wells listed in the above table using a modified low flow sampling technique. No samples were field filtered. Each well was pumped at a rate that produced little or no drawdown while parameters including temperature, pH, dissolved oxygen, turbidity, and conductivity were monitored. Groundwater samples were then collected after the parameters stabilized to ensure that the groundwater sample was

representative of local aquifer conditions. The final water quality parameters measured at each well are summarized in **Table 2**. Laboratory analysis of each sample is noted in the table above. A complete laboratory analytical report (Report MC348) is provided in **Attachment 1**.

The groundwater analytical results from the May 2011 sampling event are summarized and compared to applicable criteria in **Table 2**. Compounds detected in groundwater samples collected in May 2011 include the following:

- 1,1,1-trichloroethane and tetrachloroethene from well AOC4-SB1-MW1 at a concentration of 8.7 micrograms per liter (ug/l) and 1.4 ug/l, respectively,
- extractable petroleum hydrocarbons from well AOC8-SB1-MW1 at a concentration of 1.57 milligrams per liter (mg/l), from well AOC09-SB2-MW2 at 0.61 mg/l, and from well TW-14 at 0.132 mg/l,
- flourene at well AOC9-SB2-MW2 at a concentration of 0.17 ug/l, and
- metals arsenic, selenium, vanadium and zinc at several wells.

As provided in **Table 2**, two detections of arsenic (TW-10 and TW-18) and one detection of selenium (TW-17D) slightly exceeded the Surface Water Protection Criteria (SWPC). No other applicable criteria were exceeded. The May 2011 results for arsenic and selenium are compared to the results from previous groundwater sampling events as shown in **Graphs 1** and **2** of **Attachment 2**. As demonstrated by these graphs, the average concentration for each constituent in the groundwater plume is less than the SWPC, and has been for four consecutive events spanning three years.

Laboratory analysis completed as part of these site activities was requested to be conducted in accordance with CTDEEP's Reasonable Confidence Protocol (RCP). The work completed during this reporting period was performed in general accordance with the site QAPP. Shaw performed data validation reviews for each laboratory report. The data validation work sheets are attached to each laboratory report included in **Attachment 1**. In general, the laboratory analysis was completed in accordance with CTDEEP's RCP. However, specific quality assurance/quality control (QA/QC) issues were identified, which are summarized in the RCP Form and laboratory report narrative. Surrogate recoveries were not within the allowable range for VOCs analysis resulting in qualification of results for select samples with a 'J' for estimated concentration. The matrix spike/matrix spike duplicate (MS/MSD) sample recoveries were not within the QC limits resulting in qualification of data for select samples with a 'UJ' for non-detected results and 'J' for estimated detect concentrations. The internal standards for VOCs analysis were outside control limits resulting in the qualification of data for select samples with a 'J' for estimated concentration. The MS recovery for antimony was outside control limits resulting in qualification of antimony data for one sample with a 'UJ' for non-detected results and 'J' for estimated concentrations. No other specific QA/QC issues required data qualification. The identified QA/QC issues had no overall effect on the conclusions drawn from the data, and the data are acceptable for the purposes of this submittal.

<u>SB-1 Cap Substantially Complete</u>

As identified in the November 2010 Engineering Control Submittal Part 2, components of the low permeability cap in SB-1 include:

- bi-axial geogrid (as needed)
- ash/soil excavated from the re-powering project
- compacted coarse sand
- suitable subgrade material
- geosynthetic clay liner
- 12-inch thick layer of vegetative soil (9-inches compacted clean river sand or select fill, and 3-inches of compacted top soil)

Construction was performed by Hubert E. Butler Construction Company of Portland, CT in accordance with the plans submitted in the November 2010 Engineering Control Submittal Part 2. Note that the bi-axial geogrid was not installed per discussion between NRG, Butler, and Shaw. Shaw completed periodic oversight of construction activities. NRG also provided periodic oversight of construction activities. The final ash/soil placement and grading began in SB-1 on July 29, 2010 and was completed on August 11, 2010. Next the sand layer was placed in SB-1 between August 12, 2010 and August 15, 2010. Following a short construction shut down, construction continued on the SB-1 cap in November 2010. The geosynthetic clay liner was installed between November 15, 2010 and November 18, 2010. Sand was placed on top of the geosynthetic clay liner between November 15, 2011 and November 19, 2011. Construction was temporarily postponed after November 19, 2011 for the winter months. The 12-inch thick layer of vegetative soil was installed in two layers beginning with nine-inches of river sand May 2011. Three-inches of topsoil were applied in June 2011. Final grading and hydroseeding with a permanent grass seed mix was performed on June 9, 2011. For temporary erosion control, a coconut mat was installed in the center drainage channel and erosion control matting was installed on the north slope along the road. With the establishment of limited grass on the SB-1 cap, construction was considered substantially complete on July 31, 2011.

The remaining work in other areas of the site outlined in the EC will be performed following procurement of the associated construction services. As-built plans for the SB-1 EC will be included in an EC completion report to detail the construction activities once site wide EC construction is complete.

SB-1 Cap Inspections

As stated in Section 6.0 of the CTDEEP-approved EC, routine inspections of the EC should commence within 1 month of project completion and quarterly for the first year. Since the SB-1 cap is not technically complete due to limited re-vegetation problems, only informal inspections have been completed by NRG. Minor erosion repairs were completed in July and August while the vegetation was beginning to sprout. No signs of significant deterioration were noted during the inspections. NRG is working with a contractor to establish vegetation on the SB-1 cap by fall 2011.

Electrical Bushing Failure

On April 16, 2011 an electrical bushing associated the GenConn facility being constructed as part of the repowering project at the site failed. This failure resulted in approximately 250 gallons of polybutene (isobutylene/butene copolymer) being spilled onto the ground and electrical equipment located in the adjacent substation. This polybutene spill is defined as a ‘spill’ and handled under CTDEEP’s Emergency Response Division.

Photographs of the impacted area are included in **Attachment 3**. The approximate extent of the impacted area is shown on **Figure 1**. Cleanup of surface material by Moran Emergency Response Services using high-vacuum recovery was initiated immediately following the release on April 16, 2011 (see photographs). In addition, electrical equipment effected by the spill was also cleaned by Moran. The majority of the surface soils were recovered within days of the failure and response action was completed by May 2, 2011. Shaw field staff was on site to observe initial site clean-up activities on April 19, 2011. Approximately 250 tons of impacted shallow surficial soil and trap rock affected by the viscous fluid were recovered and disposed of at Phoenix Soil in Waterbury, CT. Debris such as personal protective equipment and spill containment material was disposed of at Bridgeport United Recycling, Inc., and liquid wastes were disposed of at United Oil Recovery in Meriden, CT.

The project LEP, Andrew Walker, visited the restored spill area on May 17, 2011. For the following reasons, there is expected to be no residual impact to the soils and groundwater in the spill area and no additional actions are required to assess or remediate this spill:

- Typical of a copolymer and confirmed by the polybutene Material Safety Data Sheet (MSDS, **Attachment 3**), this compound has a very low solubility in water and therefore adverse impact to water resources are unlikely;

- Copolymers like polybutene do not decompose easily or quickly. Since removal of the spilled material was initiated within hours of the release, there would be no breakdown products. For the same reason, analysis of spill area soils for potential breakdown products of the product spilled such as butene and isobutylene would be of little to no value. In addition, total petroleum hydrocarbons (TPH) and extractable total petroleum hydrocarbons (ETPH) are not appropriate indicators of a release of this product.

- The physical nature of this copolymer (a viscous high molecular weight liquid) and the fact that discrete high viscosity droplets were formed when it was released allowed visual inspection of the spill areas to confirm the thoroughness of the cleanup (see photographs).

- The toxicological section of the MSDS for the product spilled indicates that this material is likely non-toxic, but is a slight skin irritant.

- Toxicological data for copolymers is very limited. This substance is not included in the Integrated Risk Information Service (IRIS) data base, and there is no oral toxicity information in the Hazardous Substance Data Bank (HSDB). The MSDS for this substance indicates that “similar materials were practically non-toxic”.

- Additional information on the toxicity on isobutylene/butene copolymers was found in a U.S. Environmental Protection Agency (USEPA, 2006) technical memorandum (**Attachment 3**). This USEPA memorandum discusses the evaluation of these substances as inert ingredients as components of pesticide formulations and concluded that isobutylene/butene copolymers were exempt from the requirement for a food tolerance when used in pesticide formulations for soil application. The basis of their conclusion was that “there is a reasonable certainty that no harm to any population subgroup will result from aggregate exposure to these chemicals” when used in this manner. These copolymers were evaluated from a structure activity perspective due to the lack of toxicity data, and USEPA concluded that they “are not likely to be absorbed by any route of exposure, and are of low concern for human health effects”. Their evaluation was for a

copolymer with a different CAS # (9044-17-1), but USEPA's discussion and evaluation was for isobutylene/butene polymers in general. They also concluded that potential exposures would be negligible considering use as a binder in soil, due to the poor absorption and low water solubility. Based on these considerations, USEPA concluded that evaluation of dietary and residential exposure was not necessary and that residues of isobutylene/butene copolymers are considered safe when used as a binder in pesticide formulations applied to soil. While EPA's conclusions were specific to this use, their conclusions about absorption and relative toxicity are applicable to these compounds in general.

The spill case for electrical bushing incident is closed and the Connecticut Emergency Incident Report is provided in **Attachment 3**. The correspondence from CTDEEP acknowledging no further action to address this release is provided in **Attachment 3**.

Trench Debris

During trenching to install a storm drain line associated with the repowering project in the southeast portion of the site, an area of potentially impacted fill was encountered at depth on May 4, 2011. The construction work in this immediate area was temporarily halted until an initial evaluation of the situation was completed. A Shaw scientist was on site on May 6, 2011 to make observations of the potentially impacted fill and to collect soil samples. The impacted fill was noted to consist of sand and gravel with coal and coal ash, wire fragments, metal debris such as pipe and sheet metal, and possible asbestos material.

On May 6, 2011 soil samples were collected within the trench (EX-1 and EX-2) and from excavated stockpiled soil. Soil samples were submitted to Accutest for expedited analysis of polychlorinated biphenyls (PCBs), total and Toxicity Characteristic Leaching Procedure (TCLP) metals, semivolatile organic compounds (SVOCs), ETPH by Connecticut method, and volatile organic compounds (VOCs). The laboratory report and associated data validation report are included in **Attachment 1**. Photographs taken during this initial site visit are included in **Attachment 4**.

Between May 9, 2011 and May 16, 2011, NRG and the asbestos consultant, Mystic Air Quality Consultants, Inc. of Groton, CT, prepared an Application for Alternative Work Practices and obtained the necessary approvals to remove asbestos-containing material (ACM) from the trench and to dispose of the material off site. Approval of the Application for Alternative Work Practices was granted from the Connecticut Department of Public Health, Asbestos Program. Shaw informed CTDEEP Remediation Division of the trench information and CTDEEP concurred that the Shaw's planned soil sampling and evaluation should assess potential impacts from the debris fill.

Trenching and storm drain installation was resumed in the area of the potentially impacted fill on May 17, 2011 and continued until May 23, 2011. The project LEP, Andrew Walker, inspected the storm drain trench area on May 17, 2011. During trenching and installation activities a Shaw scientist remained on site to document conditions and collect additional samples from the potentially impacted fill area. Mystic Air Quality Consultants were also on site to provide oversight of all asbestos related activities. The Shaw scientist collected soil samples from the side walls and bottom of the trench on May 17, 19, 20, and 23, 2011. Soil samples were submitted to Accutest for expedited analysis of PCBs, total and Synthetic

Precipitation Leaching Procedure (SPLP) metals, SVOCs, ETPH by Connecticut method, and VOCs. The laboratory reports and associated data validation reports are included in **Attachment 1**. Photographs taken during this trenching oversight site visit are included in **Attachment 4**. Groundwater was not encountered in the trench.

Based on observations made during the trenching activity, the area of debris occurred at a depth between approximately 8 and 15 feet below surface grade and along a 50-foot length of trench. The area of debris is illustrated in the site plans and cross section included as **Figures 2, 3,** and **4**. The extent of debris to the east and west was confirmed visually during the trenching activity. The extent of debris to the north and south was not defined beyond the walls of the trench, but is anticipated to be limited by buildings and building foundations located to the north and south of the storm drain trench. The location and extent of the approximate storm drain trench debris area is noted on **Figures 2** and **3**.

The analytical results of the 26 storm drain trench soil samples collected between May 6, 2011 and May 23, 2011 are listed on **Table 1** of **Attachment 5**. The table is arranged such that the six samples taken from the debris fill area are grouped together, and the 20 samples from immediately outside of the debris fill area ("non-debris area") are grouped together. **Table 2** of **Attachment 5** presents only those constituents that were detected in the 26 samples. As shown in the table, six VOCs, 18 SVOCs (16 of which were PAHs), ETPH, Aroclor 1260, four TCLP metals, four SPLP metals, and 12 total metals were detected. Summary statistics of the constituents detected in the 26 samples are presented in **Table 3** of **Attachment 5**. Summary statistics of the constituents detected in the debris till samples and the non-debris samples are presented in **Table 4** and **Table 5** of **Attachment 5**, respectively.

The trench is located within the previously identified and assessed Area of Concern (AOC) 13 (Miscellaneous Residual Coal and Coal Ash Area). In order to determine if the debris fill encountered during trenching for the storm drain represents a new source of contamination other than asbestos, the data were evaluated by various methods. First, the maximum detected concentrations (MDC) and mean concentrations of the debris area samples (i.e., site) were compared to the MDCs and mean concentrations of the AOC 13 samples, (i.e., background) respectively. See **Table 6** of **Attachment 5**. The AOC 13 maximum and average concentrations from Table 13A of the Phase III report were used for this comparison. Two VOCs, one SVOC, and four metals had MDCs and mean concentrations from the debris soil samples that were both below the AOC 13 MDCs and mean concentrations. Therefore, based on this comparison, these compounds do not represent a new source of contamination to the environment, and they were recommended for no further consideration in **Table 6** of **Attachment 5**.

Second, the MDCs and mean concentrations of the debris area samples (i.e., site) were compared to the MDCs and mean concentrations of the non-debris area samples (i.e., background), respectively. See **Table 7** of **Attachment 5**. One VOC, five SVOCs, ETPH, and all the metals except arsenic had MDCs and mean concentrations from the debris samples that were both below the non-debris area MDCs and mean concentrations. Therefore, based on this comparison, these compounds do not represent a new source of contamination to the environment, and they were recommended for no further consideration in **Table 7** of **Attachment 5**.

Third, to be conservative, the compounds detected in all the trench samples (both debris and non-debris samples) were assessed in **Table 8** of **Attachment 5**. If the compound was recommended for no further consideration in both **Tables 6** and **7** of **Attachment 5**, it was eliminated from further consideration as a new release. Acetone, cadmium, mercury, nickel, and silver were eliminated on this basis (see column 2 in **Table 8, Attachment 5**). If a compound had a low frequency of detection (FOD) and low concentration, it was eliminated from further consideration as a new release. One or two detections out of 26 samples (< 10%) was considered a low FOD, and a low concentrations was considered to be less than or equal to one-half of the lowest applicable standard (e.g. the ResDEC). Using this comparison, carbon disulfide, chloroform, cis-1,2-dichloroethene, and Aroclor-1260 were eliminated from further consideration as a new release (see column 5 in **Table 8, Attachment 5**). In most cases, the MDC was thousands of times lower than the ResDEC. Several PAHs and metals (anthracene, benzo(g,h,i)perylene, dibenz(a,h)anthracene, fluorene, chromium [SPLP], nickel [SPLP], and thallium) also had low FODs and low concentrations, which eliminates them from further consideration. In addition, these PAHs and metals are attributable to coal or coal ash and did not exceed the Res DEC, I/C DEC, or GB PMC, resulting in no further action, as discussed below.

If a detected compound could be attributable to coal or coal ash and did not exceed the Res DEC, I/C DEC, or GB PMC (as appropriate), no further action was required for that compound. In this manner, 2-methylnaphthalene, acenaphthene, anthracene, benzo(g,h,i)perylene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, pyrene, antimony (TCLP), antimony (SPLP), total antimony, arsenic (SPLP), cadmium (TCLP), chromium (SPLP), total copper, nickel (TCLP), nickel (SPLP), selenium, thallium, zinc (TCLP), and total zinc were eliminated from further consideration as a new release (see Notes column in **Table 8, Attachment 5**).

For the remaining compounds detected in the trench samples, if a detected compound was not attributable to coal/coal ash, other factors were considered. Benzene and dichloromethane had MDCs that were thousands of times below the Res DEC. Carbazole was previously detected in AOC 13 and was only detected once in 10 samples from the storm drain trench area at a concentration well below the Res DEC. Therefore, these compounds were eliminated from further consideration as a new release.

The remaining compounds (six PAHs, ETPH, five metals, one TCLP metal, and one SPLP metal) had concentrations that exceed the Res DEC, I/C DEC, or GB PMC (as appropriate). Each was previously detected in AOC 13, and, with the exception of ETPH, could be attributed to coal/coal ash. The EPTH impacts are likely the result of petroleum oil sources encompassed by AOC 13. With the exception of arsenic, each represents a new exceedence in AOC 13, but is still consistent with the Phase III conceptual site model. The Res DEC and I/C DEC exceedences will be addressed once the anticipated site-wide Remedial Action Plan is implemented. Based on preliminary calculations performed by Shaw, compliance with GB PMC for these compounds can be achieved using the self-implementing site specific dilution factor. The final calculations will be prepared and sent to CTDEEP using the notification for the use of self-implementing, site-specific dilution factors.

In conclusion, no additional remediation of soils in the storm drain trench is required beyond that already planned for AOC 13. Additionally, Mystic Air Quality Consultants did not recommend any additional assessment or remediation relative to ACM.

During installation of the storm water drain line, twenty-one roll off containers of non-hazardous asbestos containing soil were generated (estimate of ~452 tons). Transwaste, the T&D contractor, removed the waste soil from the site beginning on July 7, 2011. The waste soil was disposed at Cassella's Ontario County Landfill in Stanley, New York. Bills of lading are included in **Attachment 6**.

Shaw performed a data validation reviews for the laboratory reports associated with the samples collected on May 6, 2011 (Report MC11), May 17 and 19, 2011 (Report MC374), and May 20 and 23, 2011 (Reports MC446 and MC446R). The data validation work sheets are attached to the laboratory reports included in **Attachment 1**. In general, the laboratory analysis was completed in accordance with CTDEEP's RCP. However, specific QA/QC issues were identified, which are summarized in the RCP Form and laboratory report narrative.

For the samples collected on May 6, 2011 (Report MC11):

- Surrogate recoveries were not within the allowable range for VOCs analysis resulting in qualification of detects for samples with a 'J' for estimated concentration.
- The MS/MSD sample recoveries were not within the QC limits for VOCs and metals resulting in qualification of data for select compounds in select samples with a 'J' for estimated concentrations or a 'UJ' for non-detected results.
- The relative percent difference (RPDs) for MSD for VOCs were outside the control limits resulting in qualification of data for select compounds in one sample with a 'UJ' for non-detected results and 'J' for estimated concentrations.
- The results for 4-bromofluorobenzene were outside the control limits resulting in qualification of detects in the affected sample group with a 'J' for an estimated concentration.
- The internal standard area counts were low for VOCs analysis resulting in qualification with a 'UJ' for non-detected results and 'J' for estimated concentrations.
- The RPDs for arsenic, cadmium, lead, and zinc were outside control limits resulting in qualification of data for these compounds in one sample with a 'J' for estimated concentration or 'UJ' for non-detected results.

For the samples collected on May 17 and 19, 2011 (Report MC374):

- Surrogate recoveries were not within the allowable range for VOCs analysis resulting in qualification of results for select samples with a 'J' for an estimated concentration.
- The MS/MSD sample recoveries for antimony were not within the QC limits resulting in qualification of a 'UJ' for non-detected results and 'J' for an estimated concentration.
- The internal standards for VOCs analysis were outside control limits resulting in the qualification of results for select samples with a 'J' for estimated concentration or 'UJ' for non-detected results.
- The blank spike recoveries for VOCs were outside control limits resulting in the qualification of data for select compounds in select samples with a 'J' for estimated concentrations or 'UJ' for non-detected results.
- The serial dilution for lead in one sample indicated possible matrix interference resulting in the qualification of results for lead in one sample with a 'J' for estimated concentration.

For the samples collected on May 20 and 23, 2011 (Reports MC446 and 446R):

- Surrogate recoveries were not within the allowable range for VOCs analysis resulting in qualification of results for select samples with a 'J' for estimated concentrations.
- The MS/MSD sample recoveries for SVOCs and antimony were not within the QC limits resulting in qualification of data for select samples with a 'UJ' for non-detected results and 'J' for estimated concentrations.
- The internal standards for VOCs analysis were outside control limits resulting in the qualification data for select samples with a 'J' for estimated concentrations or 'UJ' for non-detected results.
- The matrix spike recovery for antimony was outside control limits resulting in the qualification of data for antimony in one sample with a 'UJ' for non-detected results and 'J' for estimated concentration.
- No other specific QA/QC issues required data qualification.

In summary, the identified QA/QC issues had no overall effect on the conclusions drawn from the data, and the data are acceptable for the purposes of this submittal.

UPDATED SITE SCHEDULE

Outlined below is an updated site schedule that Middletown Power LLC and its parent company, NRG Energy, Inc., expect to follow in the next several years. Note that the site schedule has been adjusted from the December 2010 schedule to reflect the actual approval date for the EC Variance and to account for the completion of the repowering project.

Activity	Anticipated Date
Start of 45-day Public Comment Period for the Engineered Control Variance	6/7/2011
End of 45-day Public Comment Period for the Engineered Control Variance	7/21/2011
Submit site-wide RAP for soil and groundwater	September 2011
Initiate RAP (i.e., start of final remediation)	Q3 2011
RAP Complete (i.e., construction complete)	Q4 2011
Post Remediation Monitoring	2012

Note that the schedule does not include ecologic risk assessment follow-up activities that will be addressed between NRG/Shaw and CTDEEP/USEPA in the next few months. NRG will continue to provide updates on the status of response actions at the subject site on a semi-annual basis as requested by CTDEEP. Plans, submittals, and reports will be copied to the USEPA.

If you have any questions regarding this letter or any other matter, please do not hesitate to call me at 617.589.6143.

Sincerely,
Shaw Environmental & Infrastructure, Inc.

Andrew D. Walker, LEP, LSP
Project Manager

Enclosures:

Figure 1: Location of Copolymer Spill from Bushing
Figure 2: Site Plan - Western
Figure 3: Plan View of Repowering Storm Drain Trench with Debris Fill
Figure 4: Cross Section of Repowering Storm Trench Debris Fill

Table 1: Groundwater Gauging Data
Table 2: 2011 Groundwater Monitoring Analytical Results

Attachment 1: Laboratory Analytical and Data Validation Reports
Attachment 2: Graphs 1 and 2: Average Constituent Concentration in Groundwater Plume Over Time
Attachment 3: Photographs of Bushing Area, Polybutene MSDS, CT Emergency Incident Report, Correspondence with CTDEEP Regarding Remediation
Attachment 4: Photographs of Repowering Storm Drain Trench Debris Area
Attachment 5: Storm Drain Trench Soil Data Evaluation Tables
Attachment 6: Bills of Lading for Trench Debris Material Disposal

cc: Keith Shortsleeve, Middletown Power LLC
Robert Spooner, NRG (Electronic copy)
Juan Perez, USEPA (Electronic copy)

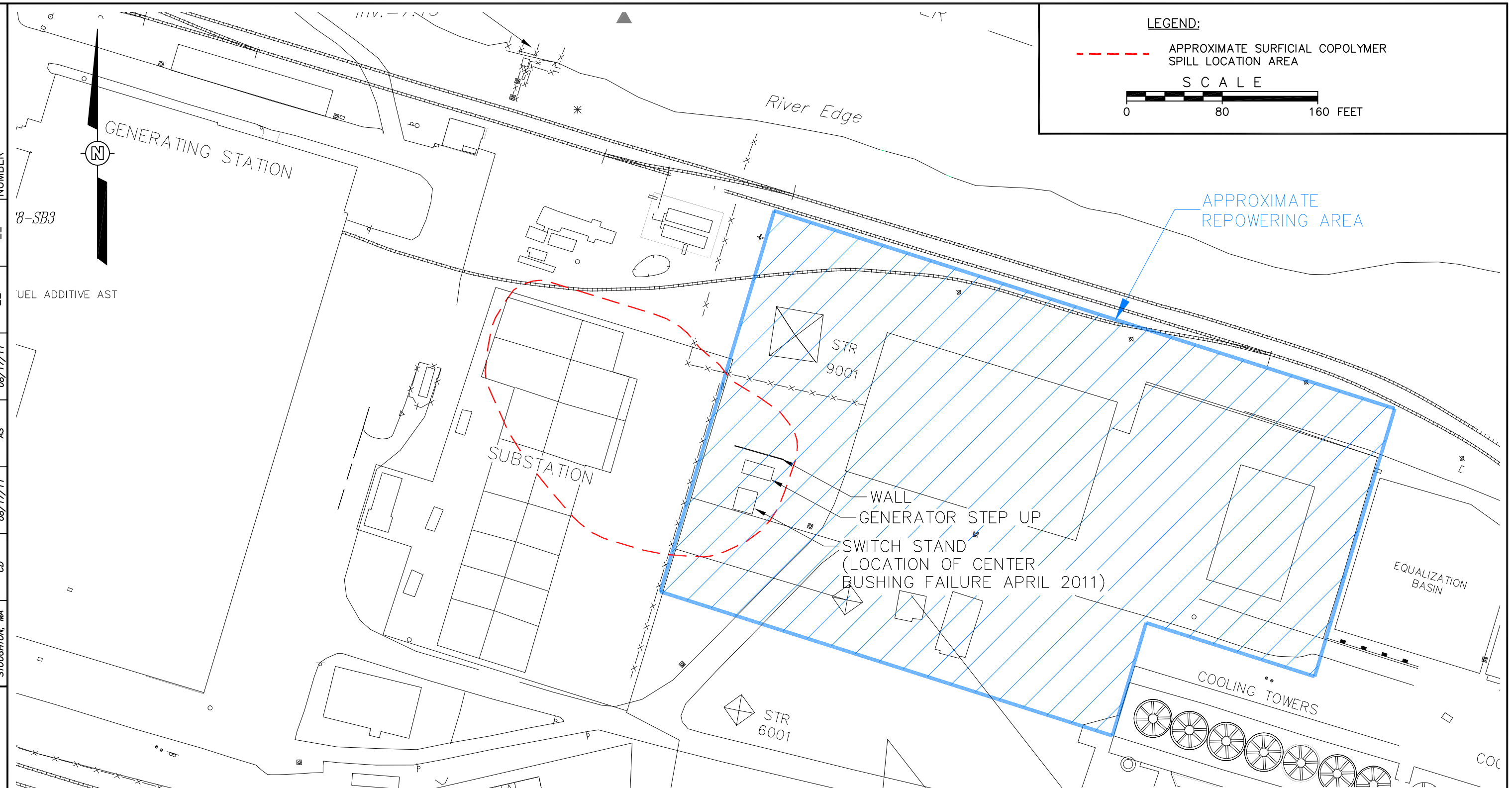
FIGURES

LEGEND:

APPROXIMATE SURFICIAL COPOLYMER SPILL LOCATION AREA

SCALE

0 80 160 FEET



NOTES:

1.) "SITE PLAN–NRG MIDDLETOWN GENERATING STATION, MIDDLETOWN, CONNECTICUT", PREPARED BY NAFIS & YOUNG ENGINEERS, INC. LOCATED AT 1355 MIDDLETOWN AVENUE, NORTHFORD, CONNECTICUT. SCALE 1"=40', SHEET NO. 1, DATED NOVEMBER 13, 2003.

2.) "COMPILATION PLAN–MIDDLETOWN GENERATING STATION SEPARATION PLAN SHOWING LAND AND EASEMENT TO BE CONVEYED AND EASEMENT TO BE RESERVED MIDDLETOWN, CONNECTICUT" BY NORTHEAST UTILITIES SERVICE CO. FOR THE CONNECTICUT LIGHT AND POWER COMPANY. SCALE 1'=100', DRAWING NO. 21866 SHEET 1 AND 21866 SHEET 2. DATED 9–15–98.

REFERENCES:

1] "AREAS OF CONCERN–EASTERN PORTION OF SITE" PREPARED BY METCALF & EDDY. DATED AUG. 2004. DWG# CZMID003A.DWG 2] "SAMPLE LOCATION PLAN–EASTERN PORTION OF SITE" PREPARED BY METCALF AND EDDY. DATED AUG. 2004. DWG# CZMID002A.DWG

2] SHAW ENVIRONMENTAL SITE RECONNAISSANCE, 04/19/11.

Shaw Environmental & Infrastructure, Inc.

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(617) 589–5111

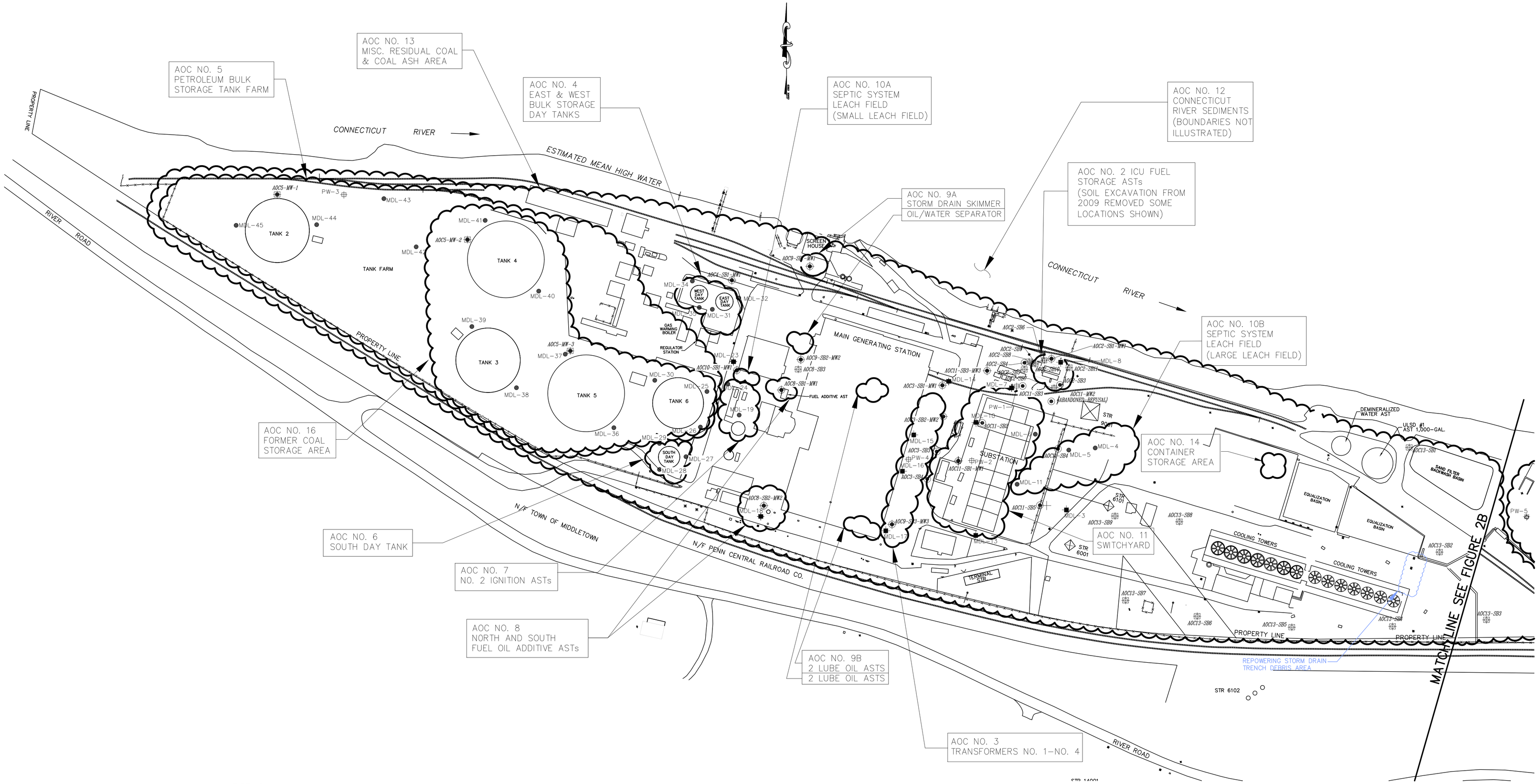
FIGURE 1
LOCATION OF COPOLYMER SPILL FROM BUSHING

NRG ENERGY INC.
MIDDLETOWN GENERATING STATION
MIDDLETOWN, CONNECTICUT

OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
STOUGHTON, MA	CD 08/17/11	AS 08/17/11	-- --	1009634013–BUSHINGSPILL

XREF Files: IMAGE Files: TO BE DELETED NRG Mid – Spill Sampling.jpg
File: N:\MISC\N.R.G\Middletown\1009634013–BUSHINGSPILL.dwg
Plot Date/Time: Aug 17, 2011 – 10:28am
Plotted By: chris.desiato

OFFICE Stoughton, MA | DRAWING NUMBER 1009634004-01



LEGEND:

OAP–16, MDL–1, NRG–SB–1	BORING LOCATIONS FROM PHASE II & SUPPLEMENTAL INVESTIGATION
TW–14	EXISTING MONITORING WELL LOCATIONS (RCRA COMPLIANCE MONITORING)
AOC3–SB9	LOCATION OF PHASE III SOIL BORINGS
AOC7–SB–1/MW1	LOCATION OF PHASE III SOIL BORING/MONITORING WELL
MDL–13	PROPOSED SOIL BORING FROM PHASE II INVESTIGATION (PHYSICAL RESTRAINTS OR UNDERGROUND UTILITY INTERFERENCE PREVENTED PLACEMENT OF BORING).
PW–1	PRODUCTION WELL
ME–SED–03	PHASE II SEDIMENT SAMPLE LOCATION (1999)
AOC7A–HA4	SUPPLEMENTAL PHASE III HAND AUGER SOIL SAMPLE LOCATION
AOC1–SB2	SHAW INSTALLED SOIL BORING
AOC1–MW1	SHAW INSTALLED MONITORING WELL
NRG–G	MARCH 2008 SEDIMENT SAMPLE LOCATION
—×—×—×—×—	EXISTING CHAIN LINK FENCE
	APPROXIMATE LIMITS OF AREA OF CONCERN

GRAPHIC SCALE
120' 0 60' 120' 240'
(IN FEET)
1 inch = 120 ft.

NOTES:

1.) "SITE PLAN–NRG MIDDLETOWN GENERATING STATION, MIDDLETOWN, CONNECTICUT", PREPARED BY NAFIS & YOUNG ENGINEERS, INC. LOCATED AT 1355 MIDDLETOWN AVENUE, NORTHFORD, CONNECTICUT. SCALE 1"=40', SHEET NO. 1, DATED NOVEMBER 13, 2003.

2.) "COMPILATION PLAN–MIDDLETOWN GENERATING STATION SEPARATION PLAN SHOWING LAND AND EASEMENT TO BE CONVEYED AND EASEMENT TO BE RESERVED MIDDLETOWN, CONNECTICUT" BY NORTHEAST UTILITIES SERVICE CO. FOR THE CONNECTICUT LIGHT AND POWER COMPANY. SCALE 1'=100', DRAWING NO. 21866 SHEET 1 AND 21866 SHEET 2. DATED 9–15–98.

3.) SEDIMENT SAMPLE LOCATION ME–SED–12 COLLECTED DURING THE PHASE II INVESTIGATION IN 1999 IS LOCATED 200 TO 300 FEET UPSTREAM OF WESTERN PROPERTY BOUNDARY.

4.) WESTERN PORTION OF SITE INCLUDES AOC2, AOC3, AOC4, AOC5, AOC6, AOC7, AOC8, AOC9A, AOC9B, AOC10A, AOC10B, AOC11, AOC13, AOC 14 AND AOC16.

5.) PRODUCTION WELL LOCATIONS FROM NORTHEAST UTILITIES SERVICE COMPANY RCRA "PART B" PLAN DATED MAY 10, 1985.

REFERENCES:
1] "AREAS OF CONCERN–EASTERN PORTION OF SITE" PREPARED BY METCALF & EDDY. DATED AUG. 2004. DWG# CZMID003A.DWG 2] "SAMPLE LOCATION PLAN–EASTERN PORTION OF SITE" PREPARED BY METCALF AND EDDY. DATED AUG. 2004. DWG# CZMID002A.DWG
2] SOIL BORING, MONITORING WELL, TOPOGRAPHIC AND WETLAND DELINEATION SURVEY BY A–PLUS CONSTRUCTION DATED MARCH 3, 2008, DWG: TOPO_SURVEY_030308

Shaw™ Shaw Environmental & Infrastructure, Inc.

DESIGNED BY: --	100 TECHNOLOGY CENTER DRIVE STOUGHTON, MASSACHUSETTS (617) 589-5111			
DRAWN BY: CD	FIGURE 2 SITE PLAN - WESTERN NRG ENERGY, INC - MIDDLETOWN GENERATING STATION MIDDLETOWN, CONNECTICUT			
CHECKED BY: AS				
APPROVED BY: AW	DATE: 08/05/11	SCALE: AS SHOWN	DRAWING NO. 1009634004–01	SHEET NO. --

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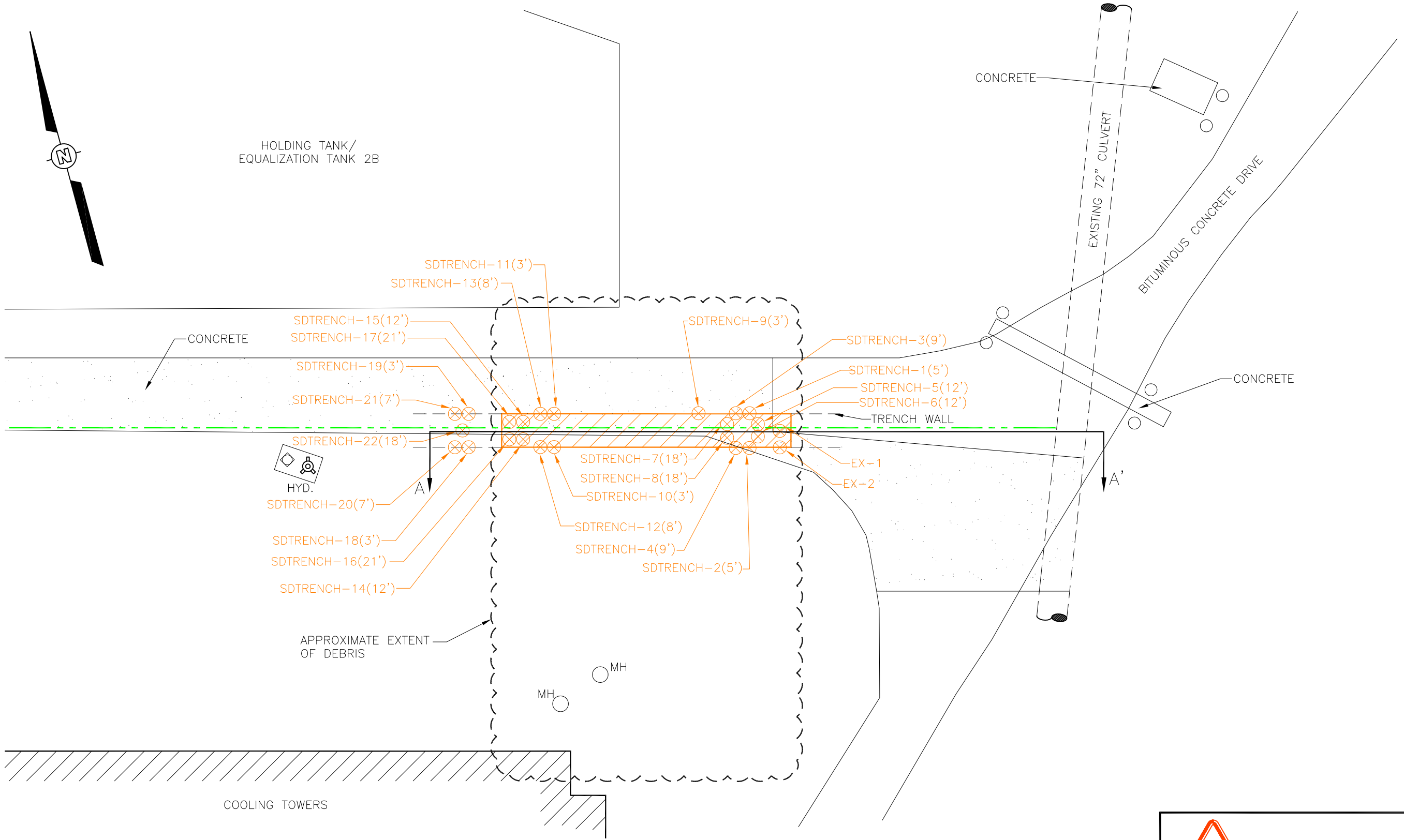

LEGEND

- SD TRENCH-1 (5') SOIL SAMPLE ID AT 5 FEET BELOW GRADE (MAY 2011)
- EX-2 SOIL SAMPLE ID (MAY 2011)
- MANHOLE
- AREA OF TRENCH WITH DEBRIS FILL
- NEWLY INSTALLED DRAIN LINE

APPROXIMATE SCALE

0 20 40

REFERENCE:

PLAN DERIVED FROM SIGMA ENERGY SOLUTIONS PLAN TITLED "DRAINAGE PROFILES SHEET 4 OF 6", DATED 02/01/10, AND SHAW ENVIRONMENTAL FIELD RECONNAISSANCE.

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FIGURE 3
PLAN VIEW OF REPOWERING STORM DRAIN TRENCH WITH DEBRIS FILL

NRG ENERGY INC.
MIDDLETOWN GENERATING STATION
MIDDLETOWN, CONNECTICUT

OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
STOUGHTON, MA	CD 08/11/11	AS 08/11/11	-- --	1009634009-XSECT2

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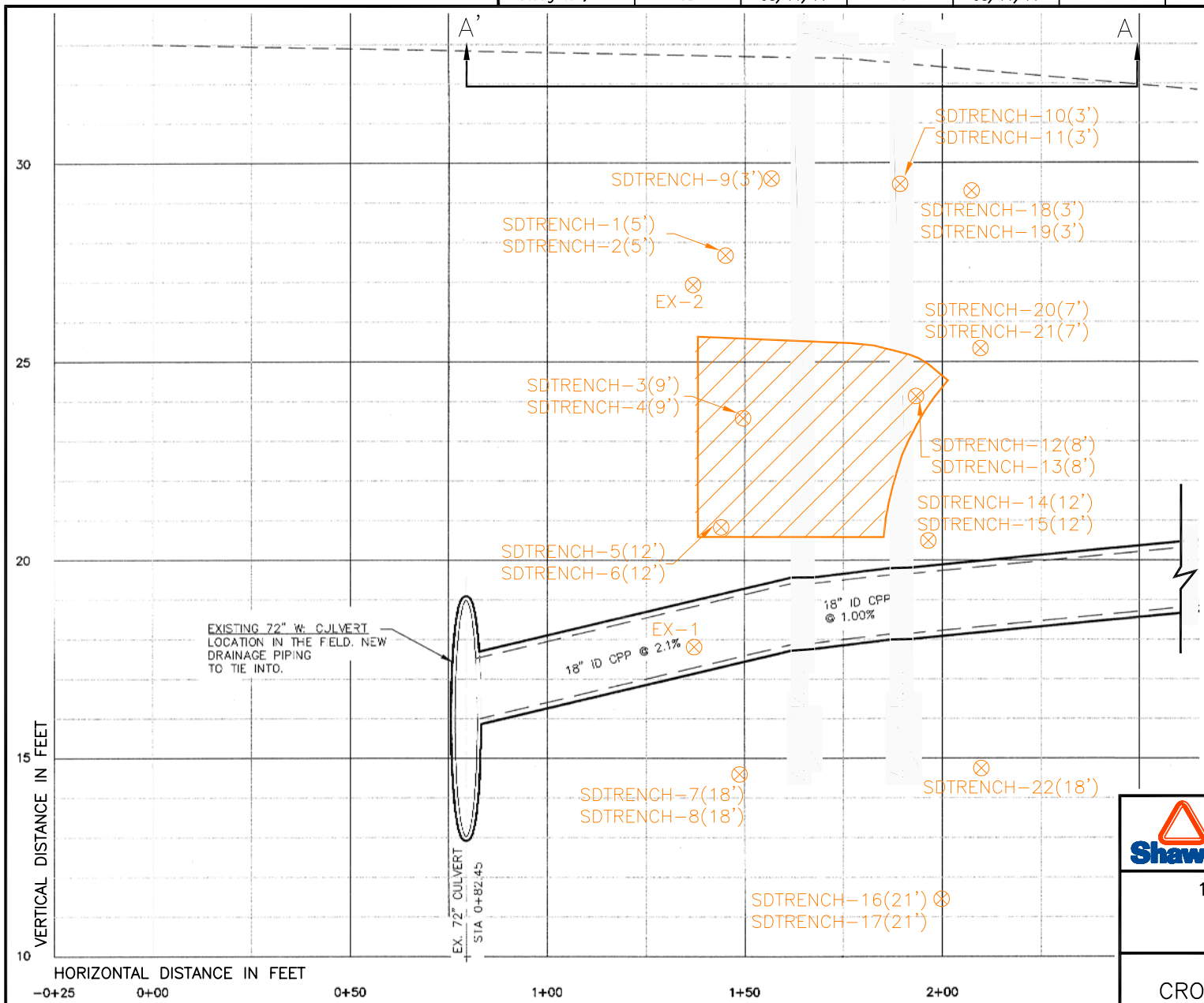
Plotted By: chris.desiata

OFFICE	DRAWN BY		CHECKED BY		APPROVED BY		DRAWING NUMBER	1009634009-XSECT
Stoughton, MA	CD	08/11/11	AS	08/11/11	--	--		



LEGEND

SD TRENCH-1 (5') SOIL SAMPLE ID AT 5 FEET BELOW GRADE (MAY 2011)

EX-2 SOIL SAMPLE ID (MAY 2011)

AREA OF TRENCH WITH DEBRIS FILL

APPROXIMATE SCALE:
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=2'

NOTE:
THE VERTICAL WHITE BANDS LOCATED BETWEEN THE 1+50 AND 2+00 HORIZONTAL DISTANCE GRID LINES ARE ARTIFACTS OF EDITS MADE TO THE PREVIOUS BASE DRAWING AND ARE NOT MEANINGFUL.

REFERENCE:

PLAN DERIVED FROM SIGMA ENERGY SOLUTIONS PLAN TITLED "DRAINAGE PROFILES SHEET 4 OF 6", DATED 02/01/10, (ORIGINAL PLAN SCALE H 1"=20', V 1"=2'), AND SHAW ENVIRONMENTAL FIELD RECONNAISSANCE.

Shaw Environmental & Infrastructure, Inc.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MASSACHUSETTS
(617) 589-5111

FIGURE 4
CROSS SECTION OF REPOWERING STORM DRAIN TRENCH DEBRIS FILL

NRG ENERGY INC.
MIDDLETOWN GENERATING STATION
MIDDLETOWN, CONNECTICUT

TABLES

TABLE 1
GROUNDWATER GAUGING DATA
(05/16/11 - 05/16/11)

08/11/11

Middletown Power LLC
1866 River Road
Middletown, Connecticut

Location	Date	Reference Elevation (Feet)	Depth to Water (Feet)	Depth to LNAPL (Feet)	LNAPL Thickness (Feet)	Groundwater Elevation (Feet)	Notes
AOC02-SB1-MW1	05/16/11	28.02	23.93	--	--	4.09	DTB = 36.25'
AOC04-SB1-MW1	05/16/11	25.27	20.80	--	--	4.47	DTB = 32.10'
AOC05-MW1	05/16/11	20.66	11.15	--	--	9.51	DTB = 23.78'
AOC08-SB1-MW1	05/16/11	25.38	19.77	--	--	5.61	DTB = 32.09'
AOC09-SB1-MW1	05/16/11	27.39	23.62	--	--	3.77	DTB = 34.66'
AOC09-SB2-MW2	05/16/11	24.92	20.03	--	--	4.89	DTB = 34.53'
TW-10	05/16/11	32.60	29.46	--	--	3.14	DTB = 43.18'
TW-14	05/16/11	28.33	23.83	--	--	4.50	DTB = 46.61'
TW-17D	05/16/11	34.48	30.64	--	--	3.84	DTB = 41.76'
TW-18	05/16/11	36.92	32.56	--	--	4.36	DTB = 35.49'
TW-21D	05/16/11	34.42	30.49	--	--	3.93	DTB = 36.93'

Notes: -- = Not Detected NA = Not Available NM = Not Measured DTB = Depth to Bottom
<0.01 = Trace amount LNAPL detected

Table 2
2011 Groundwater Monitoring Analytical Results

Middletown Power LLC
Middletown, Connecticut

CONSTITUENT	I/C VC	ResVC	SWPC	AOC02-SB1-MW1 5/16/2011 Primary	AOC04-SB1-MW1 5/16/2011 Primary	AOC04-SB1-MW1 5/16/2011 Duplicate 1	AOC05-MW1 5/16/2011 Primary	AOC08-SB1-MW1 5/16/2011 Primary	AOC08-SB1-MW1 5/16/2011 Duplicate 1
VOC (ug/L)									
1,1,1,2-Tetrachloroethane	50	12	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,1,1-Trichloroethane	50000	20400	62000	---	<1.0	8.7	<1.0	<1.0	---
1,1,2,2-Tetrachloroethane	100	23	110	---	<1.0	<1.0	<1.0	<1.0	---
1,1,2-Trichloroethane	19600	8000	1260	---	<1.0	<1.0	<1.0	<1.0	---
1,1-Dichloroethane	50000	34600	NE	---	<1.0	<1.0	<1.0	<1.0	---
1,1-Dichloroethene	6	1	96	---	<1.0	<1.0	<1.0	<1.0	---
1,1-Dichloropropene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,2,3-Trichlorobenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,2,3-Trichloropropane	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,2,4-Trichlorobenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,2,4-Trimethylbenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,2-Dibromoethane (EDB)	16	4	NE	---	<2.0	<2.0	<2.0	<2.0	---
1,2-Dichlorobenzene	50000	30500	170000	---	<1.0	<1.0	<1.0	<1.0	---
1,2-Dichloroethane	90	21	2970	---	<1.0	<1.0	<1.0	<1.0	---
1,2-Dichloropropane	60	14	NE	---	<2.0	<2.0	<2.0	<2.0	---
1,3,5-Trimethylbenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,3-Dichlorobenzene	50000	24200	26000	---	<1.0	<1.0	<1.0	<1.0	---
1,3-Dichloropropane	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
1,4-Dichlorobenzene	50000	50000	26000	---	<1.0	<1.0	<1.0	<1.0	---
2,2-Dichloropropane	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
2-Butanone	50000	50000	NE	---	<5.0	<5.0	<5.0	<5.0	---
2-Hexanone	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
4-Isopropyltoluene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
4-Methyl-2-pentanone	50000	50000	NE	---	<5.0	<5.0	<5.0	<5.0	---
Acetone	50000	50000	NE	---	<5.0	<5.0	<5.0	<5.0	---
Acrylonitrile	NE	NE	20	---	<5.0	<5.0	<5.0	<5.0	---
Benzene	530	215	710	---	<0.50	<0.50	<0.50	<0.50	---
Bromobenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Bromodichloromethane	NE	NE	NE	---	<1.0	<1.0	<1.0	<1.0	---
Bromoform	3800	920	10800	---	<1.0	<1.0	<1.0	<1.0	---
Bromomethane	NE	NE	NE	---	<2.0	<2.0	<2.0	<2.0	---
Carbondisulfide	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Carbontetrachloride	40	16	132	---	<1.0	<1.0	<1.0	<1.0	---
Chlorobenzene	6150	1800	420000	---	<1.0	<1.0	<1.0	<1.0	---
Chloroethane	NE	NE	NE	---	<2.0	<2.0	<2.0	<2.0	---
Chloroform	710	287	14100	---	<1.0	<1.0	<1.0	<1.0	---
Chloromethane	NE	NE	NE	---	<2.0	<2.0	<2.0	<2.0	---
cis-1,2-Dichloroethene	NE	NE	NE	---	<1.0	<1.0	<1.0	<1.0	---
cis-1,3-Dichloropropene	NE	NE	NE	---	<0.50	<0.50	<0.50	<0.50	---
DBCP	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Dibromochloromethane	NE	NE	1020	---	<1.0	<1.0	<1.0	<1.0	---
Dibromomethane	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Dichlorodifluoromethane	NE	NE	NE	---	<2.0UJ	<2.0UJ	<2.0UJ	<2.0UJ	---
Dichloromethane	50000	50000	48000	---	<2.0	<2.0	<2.0	<2.0	---
Ethylbenzene	50000	50000	580000	---	<1.0	<1.0	<1.0	<1.0	---
Freon 113	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Hexachlorobutadiene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Isopropylbenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
m/p-xylene	NE	NE	NE	---	<1.0	<1.0	<1.0	<1.0	---
Methyltert-butylether	50000	50000	NE	---	<1.0	<1.0	<1.0	<1.0	---
Naphthalene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
n-Butylbenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
n-Propylbenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
o-Chlorotoluene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
o-Xylene	NE	NE	NE	---	<1.0	<1.0	<1.0	<1.0	---
p-Chlorotoluene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
sec-Butylbenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Styrene	2065	580	NE	---	<5.0	<5.0	<5.0	<5.0	---
tert-Butylbenzene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---
Tetrachloroethene	3820	1500	88	---	1.3	1.4	<1.0	<1.0	---
Tetrahydrofuran	NE	NE	NE	---	<10	<10	<10	<10	---
Toluene	50000	23500	4000000	---	<1.0	<1.0	<1.0	<1.0	---
trans-1,2-Dichloroethene	NE	NE	NE	---	<1.0	<1.0	<1.0	<1.0	---
Trans-1,3-Dichloropropene	NE	NE	NE	---	<0.50	<0.50	<0.50	<0.50	---
trans-1,4-Dichloro-2-butene	NE	NE	NE	---	<5.0	<5.0	<5.0	<5.0	---

Table 2
2011 Groundwater Monitoring Analytical Results

Middletown Power LLC
Middletown, Connecticut

CONSTITUENT	I/C VC	ResVC	SWPC	AOC02-SB1-MW1 5/16/2011 Primary	AOC04-SB1-MW1 5/16/2011 Primary	AOC04-SB1-MW1 5/16/2011 Duplicate 1	AOC05-MW1 5/16/2011 Primary	AOC08-SB1-MW1 5/16/2011 Primary	AOC08-SB1-MW1 5/16/2011 Duplicate 1
Trichloroethene	540	219	2340	---	<1.0	<1.0	<1.0	<1.0	---
Trichlorofluoromethane	NE	NE	NE	---	<1.0	<1.0	<1.0	<1.0	---
Vinyl chloride	2	2	15750	---	<1.0	<1.0	<1.0	<1.0	---
Xylene (total)	50000	21300	NE	---	<1.0	<1.0	<1.0	<1.0	---
SVOC (ug/L)									
Acenaphthene	NE	NE	NE	---	---	---	---	<0.10	---
Acenaphthylene	NE	NE	0.3	---	---	---	---	<0.10	---
Anthracene	NE	NE	1100000	---	---	---	---	<0.10	---
Benzo(a)anthracene	NE	NE	0.3	---	---	---	---	<0.050	---
Benzo(a)pyrene	NE	NE	0.3	---	---	---	---	<0.10	---
Benzo(b)fluoranthene	NE	NE	0.3	---	---	---	---	<0.050	---
Benzo(ghi)perylene	NE	NE	NE	---	---	---	---	<0.10	---
Benzo(k)fluoranthene	NE	NE	0.3	---	---	---	---	<0.10	---
Chrysene	NE	NE	NE	---	---	---	---	<0.10	---
Dibenzo(a,h)anthracene	NE	NE	NE	---	---	---	---	<0.10	---
Fluoranthene	NE	NE	3700	---	---	---	---	<0.10	---
Fluorene	NE	NE	140000	---	---	---	---	<0.10	---
Indeno(1,2,3-cd)pyrene	NE	NE	NE	---	---	---	---	<0.10	---
2-Methylnaphthalene	NE	NE	NE	---	---	---	---	<0.20	---
Naphthalene	NE	NE	NE	---	---	---	---	<0.10	---
Phenanthrene	NE	NE	0.3	---	---	---	---	<0.050	---
Pyrene	NE	NE	110000	---	---	---	---	<0.10	---
CT ETPH (mg/L)									
ETPH	NE	NE	NE	---	---	---	---	1.49	1.57
Metals (ug/L)									
Arsenic	NE	NE	4	<4.0	---	---	---	<4.0	---
Cadmium	NE	NE	6	<4.0	---	---	---	<4.0	---
Chromium	NE	NE	110	<10	---	---	---	<10	---
Copper	NE	NE	48	<25	---	---	---	<25	---
Lead	NE	NE	13	<5.0	---	---	---	<5.0	---
Nickel	NE	NE	880	<40	---	---	---	<40	---
Selenium	NE	NE	50	<10	---	---	---	<10	---
Vanadium	NE	NE	NE	<10	---	---	---	<10	---
Zinc	NE	NE	123	25	---	---	---	<20	---
Field Parameters									
pH	NE	NE	NE	6.09	5.91	---	5.97	6.62	---
ORP (mv)	NE	NE	NE	184.7	224	---	92	-101	---
Oxygen (mg/L)	NE	NE	NE	6.57	8.26	---	1.34	0.28	---
Specific Conductivity (ms/cm)	NE	NE	NE	0.188	0.9	---	0.115	0.31	---
Temperature (^{o}C)	NE	NE	NE	12.38	14.93	---	9.69	14	---
Turbidity (NTU)	NE	NE	NE	54.4	5.1	---	18	1.2	---

Notes:

--- = Constituent not analyzed for.
NE = Not established
ug/L = micrograms per liter
mg/L = milligrams per liter
ORP = Oxidation-Reduction Potential
J = Estimated value as per validator
mV = milli-Volts
ms/cm = milli-Siemens per centimeter

U = Below detection limit as per validator
I/C VC = Industrial/Commercial Volatilization Criteria
ResVC = Residential Volatilization Criteria
SWPC - Surface Water Protection Criteria
= > SWPC
VOC = volatile organic compound
SVOC = semivolatile organic compound
ETPH = extractable petroleum hydrocarbon
^{o}C = degrees Celsius
NTU = Nephelometric Turbidty Units

Table 2
2011 Groundwater Monitoring Analytical Results

Middletown Power LLC
Middletown, Connecticut

CONSTITUENT	I/C VC	ResVC	SWPC	AOC09-SB1-MW1 5/16/2011 Primary	AOC09-SB1-MW1 5/16/2011 Duplicate 1	AOC09-SB2-MW2 5/16/2011 Primary	AOC09-SB2-MW2 5/16/2011 Duplicate 1	TW-10 5/16/2011 Primary	TW-14 5/16/2011 Primary	TW-17D 5/16/2011 Primary
VOC (ug/L)										
1,1,1,2-Tetrachloroethane	50	12	NE	---	---	<5.0	---	---	---	---
1,1,1-Trichloroethane	50000	20400	62000	---	---	<1.0	---	---	---	---
1,1,2,2-Tetrachloroethane	100	23	110	---	---	<1.0	---	---	---	---
1,1,2-Trichloroethane	19600	8000	1260	---	---	<1.0	---	---	---	---
1,1-Dichloroethane	50000	34600	NE	---	---	<1.0	---	---	---	---
1,1-Dichloroethene	6	1	96	---	---	<1.0	---	---	---	---
1,1-Dichloropropene	NE	NE	NE	---	---	<5.0	---	---	---	---
1,2,3-Trichlorobenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
1,2,3-Trichloropropane	NE	NE	NE	---	---	<5.0	---	---	---	---
1,2,4-Trichlorobenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
1,2,4-Trimethylbenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
1,2-Dibromoethane (EDB)	16	4	NE	---	---	<2.0	---	---	---	---
1,2-Dichlorobenzene	50000	30500	170000	---	---	<1.0	---	---	---	---
1,2-Dichloroethane	90	21	2970	---	---	<1.0	---	---	---	---
1,2-Dichloropropane	60	14	NE	---	---	<2.0	---	---	---	---
1,3,5-Trimethylbenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
1,3-Dichlorobenzene	50000	24200	26000	---	---	<1.0	---	---	---	---
1,3-Dichloropropane	NE	NE	NE	---	---	<5.0	---	---	---	---
1,4-Dichlorobenzene	50000	50000	26000	---	---	<1.0	---	---	---	---
2,2-Dichloropropane	NE	NE	NE	---	---	<5.0	---	---	---	---
2-Butanone	50000	50000	NE	---	---	<5.0	---	---	---	---
2-Hexanone	NE	NE	NE	---	---	<5.0	---	---	---	---
4-Isopropyltoluene	NE	NE	NE	---	---	<5.0	---	---	---	---
4-Methyl-2-pentanone	50000	50000	NE	---	---	<5.0	---	---	---	---
Acetone	50000	50000	NE	---	---	<5.0	---	---	---	---
Acrylonitrile	NE	NE	20	---	---	<5.0	---	---	---	---
Benzene	530	215	710	---	---	<0.50	---	---	---	---
Bromobenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
Bromodichloromethane	NE	NE	NE	---	---	<1.0	---	---	---	---
Bromoform	3800	920	10800	---	---	<1.0	---	---	---	---
Bromomethane	NE	NE	NE	---	---	<2.0	---	---	---	---
Carbondisulfide	NE	NE	NE	---	---	<5.0	---	---	---	---
Carbontetrachloride	40	16	132	---	---	<1.0	---	---	---	---
Chlorobenzene	6150	1800	420000	---	---	<1.0	---	---	---	---
Chloroethane	NE	NE	NE	---	---	<2.0	---	---	---	---
Chloroform	710	287	14100	---	---	<1.0	---	---	---	---
Chloromethane	NE	NE	NE	---	---	<2.0	---	---	---	---
cis-1,2-Dichloroethene	NE	NE	NE	---	---	<1.0	---	---	---	---
cis-1,3-Dichloropropene	NE	NE	NE	---	---	<0.50	---	---	---	---
DBCP	NE	NE	NE	---	---	<5.0	---	---	---	---
Dibromochloromethane	NE	NE	1020	---	---	<1.0	---	---	---	---
Dibromomethane	NE	NE	NE	---	---	<5.0	---	---	---	---
Dichlorodifluoromethane	NE	NE	NE	---	---	<2.0UJ	---	---	---	---
Dichloromethane	50000	50000	48000	---	---	<2.0	---	---	---	---
Ethylbenzene	50000	50000	580000	---	---	<1.0	---	---	---	---
Freon 113	NE	NE	NE	---	---	<5.0	---	---	---	---
Hexachlorobutadiene	NE	NE	NE	---	---	<5.0	---	---	---	---
Isopropylbenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
m/p-xylene	NE	NE	NE	---	---	<1.0	---	---	---	---
Methyltert-butylether	50000	50000	NE	---	---	<1.0	---	---	---	---
Naphthalene	NE	NE	NE	---	---	<5.0	---	---	---	---
n-Butylbenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
n-Propylbenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
o-Chlorotoluene	NE	NE	NE	---	---	<5.0	---	---	---	---
o-Xylene	NE	NE	NE	---	---	<1.0	---	---	---	---
p-Chlorotoluene	NE	NE	NE	---	---	<5.0	---	---	---	---
sec-Butylbenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
Styrene	2065	580	NE	---	---	<5.0	---	---	---	---
tert-Butylbenzene	NE	NE	NE	---	---	<5.0	---	---	---	---
Tetrachloroethene	3820	1500	88	---	---	<1.0	---	---	---	---
Tetrahydrofuran	NE	NE	NE	---	---	<10	---	---	---	---
Toluene	50000	23500	4000000	---	---	<1.0	---	---	---	---
trans-1,2-Dichloroethene	NE	NE	NE	---	---	<1.0	---	---	---	---
Trans-1,3-Dichloropropene	NE	NE	NE	---	---	<0.50	---	---	---	---
trans-1,4-Dichloro-2-butene	NE	NE	NE	---	---	<5.0	---	---	---	---

Table 2
2011 Groundwater Monitoring Analytical Results

Middletown Power LLC
Middletown, Connecticut

CONSTITUENT	I/C VC	ResVC	SWPC	AOC09-SB1-MW1 5/16/2011 Primary	AOC09-SB1-MW1 5/16/2011 Duplicate 1	AOC09-SB2-MW2 5/16/2011 Primary	AOC09-SB2-MW2 5/16/2011 Duplicate 1	TW-10 5/16/2011 Primary	TW-14 5/16/2011 Primary	TW-17D 5/16/2011 Primary
Trichloroethene	540	219	2340	---	---	<1.0	---	---	---	---
Trichlorofluoromethane	NE	NE	NE	---	---	<1.0	---	---	---	---
Vinyl chloride	2	2	15750	---	---	<1.0	---	---	---	---
Xylene (total)	50000	21300	NE	---	---	<1.0	---	---	---	---
SVOC (ug/L)										
Acenaphthene	NE	NE	NE	---	---	<0.10	---	---	---	---
Acenaphthylene	NE	NE	0.3	---	---	<0.10	---	---	---	---
Anthracene	NE	NE	1100000	---	---	<0.10	---	---	---	---
Benzo(a)anthracene	NE	NE	0.3	---	---	<0.050	---	---	---	---
Benzo(a)pyrene	NE	NE	0.3	---	---	<0.10	---	---	---	---
Benzo(b)fluoranthene	NE	NE	0.3	---	---	<0.050	---	---	---	---
Benzo(ghi)perylene	NE	NE	NE	---	---	<0.10	---	---	---	---
Benzo(k)fluoranthene	NE	NE	0.3	---	---	<0.10	---	---	---	---
Chrysene	NE	NE	NE	---	---	<0.10	---	---	---	---
Dibenzo(a,h)anthracene	NE	NE	NE	---	---	<0.10	---	---	---	---
Fluoranthene	NE	NE	3700	---	---	<0.10	---	---	---	---
Fluorene	NE	NE	140000	---	---	0.17	---	---	---	---
Indeno(1,2,3-cd)pyrene	NE	NE	NE	---	---	<0.10	---	---	---	---
2-Methylnaphthalene	NE	NE	NE	---	---	<0.20	---	---	---	---
Naphthalene	NE	NE	NE	---	---	<0.10	---	---	---	---
Phenanthrene	NE	NE	0.3	---	---	<0.050	---	---	---	---
Pyrene	NE	NE	110000	---	---	<0.10	---	---	---	---
CT ETPH (mg/L)										
ETPH	NE	NE	NE	---	---	0.61	0.595	<0.080	0.132	---
Metals (ug/L)										
Arsenic	NE	NE	4	<4.0	<4.0	<4.0	---	**{5.5}**	<4.0	<4.0
Cadmium	NE	NE	6	<4.0	<4.0	<4.0	---	<4.0	<4.0	<4.0
Chromium	NE	NE	110	<10	<10	<10	---	<10	<10	<10
Copper	NE	NE	48	<25	<25	<25	---	<25	<25	<25
Lead	NE	NE	13	<5.0	<5.0	<5.0	---	<5.0	<5.0	<5.0
Nickel	NE	NE	880	<40	<40	<40	---	<40	<40	<40
Selenium	NE	NE	50	<10	<10	<10	---	<10	<10	**{53.2}**
Vanadium	NE	NE	NE	<10	<10	<10	---	13	<10	612
Zinc	NE	NE	123	<20	<20	22.7	---	<20	<20	<20
Field Parameters										
pH	NE	NE	NE	6.63	---	5.93	---	6.37	5.88	7.05
ORP (mv)	NE	NE	NE	-41.2	---	52	---	-91	18.2	72
Oxygen (mg/L)	NE	NE	NE	0.68	---	0.51	---	0.34	0.59	2.13
Specific Conductivity (ms/cm)	NE	NE	NE	0.425	---	0.652	---	0.508	0.124	0.76
Temperature (^{o}C)	NE	NE	NE	14.75	---	13.66	---	12.41	11.03	11.62
Turbidity (NTU)	NE	NE	NE	26.9	---	4.2	---	11	5.5	0.7

Notes:

--- = Constituent not analyzed for.
NE = Not established
ug/L = micrograms per liter
mg/L = milligrams per liter
ORP = Oxidation-Reduction Potential
J = Estimated value as per validator
mV = milli-Volts
ms/cm = milli-Siemens per centimeter

U = Below detection limit as per validator
I/C VC = Industrial/Commercial Volatilization Criteria
ResVC = Residential Volatilization Criteria
SWPC - Surface Water Protection Criteria
= > SWPC
VOC = volatile organic compound
SVOC = semivolatile organic compound
ETPH = extractable petroleum hydrocarbon
^{o}C = degrees Celsius
NTU = Nephelometric Turbidty Units

Table 2
2011 Groundwater Monitoring Analytical Results

Middletown Power LLC
Middletown, Connecticut

CONSTITUENT	I/C VC	ResVC	SWPC	TW-18 5/16/2011 Primary	TW-21D 5/16/2011 Primary
VOC (ug/L)					
1,1,1,2-Tetrachloroethane	50	12	NE	---	---
1,1,1-Trichloroethane	50000	20400	62000	---	---
1,1,2,2-Tetrachloroethane	100	23	110	---	---
1,1,2-Trichloroethane	19600	8000	1260	---	---
1,1-Dichloroethane	50000	34600	NE	---	---
1,1-Dichloroethene	6	1	96	---	---
1,1-Dichloropropene	NE	NE	NE	---	---
1,2,3-Trichlorobenzene	NE	NE	NE	---	---
1,2,3-Trichloropropane	NE	NE	NE	---	---
1,2,4-Trichlorobenzene	NE	NE	NE	---	---
1,2,4-Trimethylbenzene	NE	NE	NE	---	---
1,2-Dibromoethane (EDB)	16	4	NE	---	---
1,2-Dichlorobenzene	50000	30500	170000	---	---
1,2-Dichloroethane	90	21	2970	---	---
1,2-Dichloropropane	60	14	NE	---	---
1,3,5-Trimethylbenzene	NE	NE	NE	---	---
1,3-Dichlorobenzene	50000	24200	26000	---	---
1,3-Dichloropropane	NE	NE	NE	---	---
1,4-Dichlorobenzene	50000	50000	26000	---	---
2,2-Dichloropropane	NE	NE	NE	---	---
2-Butanone	50000	50000	NE	---	---
2-Hexanone	NE	NE	NE	---	---
4-Isopropyltoluene	NE	NE	NE	---	---
4-Methyl-2-pentanone	50000	50000	NE	---	---
Acetone	50000	50000	NE	---	---
Acrylonitrile	NE	NE	20	---	---
Benzene	530	215	710	---	---
Bromobenzene	NE	NE	NE	---	---
Bromodichloromethane	NE	NE	NE	---	---
Bromoform	3800	920	10800	---	---
Bromomethane	NE	NE	NE	---	---
Carbondisulfide	NE	NE	NE	---	---
Carbontetrachloride	40	16	132	---	---
Chlorobenzene	6150	1800	420000	---	---
Chloroethane	NE	NE	NE	---	---
Chloroform	710	287	14100	---	---
Chloromethane	NE	NE	NE	---	---
cis-1,2-Dichloroethene	NE	NE	NE	---	---
cis-1,3-Dichloropropene	NE	NE	NE	---	---
DBCP	NE	NE	NE	---	---
Dibromochloromethane	NE	NE	1020	---	---
Dibromomethane	NE	NE	NE	---	---
Dichlorodifluoromethane	NE	NE	NE	---	---
Dichloromethane	50000	50000	48000	---	---
Ethylbenzene	50000	50000	580000	---	---
Freon 113	NE	NE	NE	---	---
Hexachlorobutadiene	NE	NE	NE	---	---
Isopropylbenzene	NE	NE	NE	---	---
m/p-xylene	NE	NE	NE	---	---
Methyltert-butylether	50000	50000	NE	---	---
Naphthalene	NE	NE	NE	---	---
n-Butylbenzene	NE	NE	NE	---	---
n-Propylbenzene	NE	NE	NE	---	---
o-Chlorotoluene	NE	NE	NE	---	---
o-Xylene	NE	NE	NE	---	---
p-Chlorotoluene	NE	NE	NE	---	---
sec-Butylbenzene	NE	NE	NE	---	---
Styrene	2065	580	NE	---	---
tert-Butylbenzene	NE	NE	NE	---	---
Tetrachloroethene	3820	1500	88	---	---
Tetrahydrofuran	NE	NE	NE	---	---
Toluene	50000	23500	4000000	---	---
trans-1,2-Dichloroethene	NE	NE	NE	---	---
Trans-1,3-Dichloropropene	NE	NE	NE	---	---
trans-1,4-Dichloro-2-butene	NE	NE	NE	---	---

Table 2
2011 Groundwater Monitoring Analytical Results

Middletown Power LLC
Middletown, Connecticut

CONSTITUENT	I/C VC	ResVC	SWPC	TW-18 5/16/2011 Primary	TW-21D 5/16/2011 Primary
Trichloroethene	540	219	2340	---	---
Trichlorofluoromethane	NE	NE	NE	---	---
Vinyl chloride	2	2	15750	---	---
Xylene (total)	50000	21300	NE	---	---
SVOC (ug/L)					
Acenaphthene	NE	NE	NE	---	---
Acenaphthylene	NE	NE	0.3	---	---
Anthracene	NE	NE	1100000	---	---
Benzo(a)anthracene	NE	NE	0.3	---	---
Benzo(a)pyrene	NE	NE	0.3	---	---
Benzo(b)fluoranthene	NE	NE	0.3	---	---
Benzo(ghi)perylene	NE	NE	NE	---	---
Benzo(k)fluoranthene	NE	NE	0.3	---	---
Chrysene	NE	NE	NE	---	---
Dibenzo(a,h)anthracene	NE	NE	NE	---	---
Fluoranthene	NE	NE	3700	---	---
Fluorene	NE	NE	140000	---	---
Indeno(1,2,3-cd)pyrene	NE	NE	NE	---	---
2-Methylnaphthalene	NE	NE	NE	---	---
Naphthalene	NE	NE	NE	---	---
Phenanthrene	NE	NE	0.3	---	---
Pyrene	NE	NE	110000	---	---
CT ETPH (mg/L)					
ETPH	NE	NE	NE	---	---
Metals (ug/L)					
Arsenic	NE	NE	4	**{4.1}**	<4.0
Cadmium	NE	NE	6	<4.0	<4.0
Chromium	NE	NE	110	<10	<10
Copper	NE	NE	48	<25	<25
Lead	NE	NE	13	<5.0	<5.0
Nickel	NE	NE	880	<40	<40
Selenium	NE	NE	50	15.4	48.6
Vanadium	NE	NE	NE	92.4	<10
Zinc	NE	NE	123	<20	<20
Field Parameters					
pH	NE	NE	NE	7.73	6.89
ORP (mv)	NE	NE	NE	132.3	161.1
Oxygen (mg/L)	NE	NE	NE	3.94	2.48
Specific Conductivity (ms/cm)	NE	NE	NE	0.471	0.711
Temperature (^{o}C)	NE	NE	NE	12.55	12.49
Turbidity (NTU)	NE	NE	NE	2.3	2.5

Notes:

--- = Constituent not analyzed for.
NE = Not established
ug/L = micrograms per liter
mg/L = milligrams per liter
ORP = Oxidation-Reduction Potential
J = Estimated value as per validator
mV = milli-Volts
ms/cm = milli-Siemens per centimeter

U = Below detection limit as per validator
I/C VC = Industrial/Commercial Volatilization Criteria
ResVC = Residential Volatilization Criteria
SWPC - Surface Water Protection Criteria
= > SWPC
VOC = volatile organic compound
SVOC = semivolatile organic compound
ETPH = extractable petroleum hydrocarbon
^{o}C = degrees Celsius
NTU = Nephelometric Turbidty Units

ATTACHMENT 1

Data Validation Worksheet

Project Name : NRG Middletown, CT

Job Number : 1009634013

Date: 7/20/2011
Date 08/02/11

Validated By: Kim Napier
Analyte Group : VOC
SVOC
Extractable Total Petroleum Hydrocarbons
Metals - Total and SPLP

Analytical Method : EPA 8260B
EPA 8270C
CT ETPH
EPA 6010C

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes
*Questions 4, and 6 were answered No

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC348

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time : All Holding times were met.

Method	Extraction	Analysis	Collection Date	Extraction date	Analyzed Date
VOC/8260B	NA	14 Days	5/10, 5/16/2011	NA	5/24/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/10, 5/16/2011	5/20, 5/23/2011	5/23, 5/24/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/10, 5/16/2011	5/20,5/23/2011	5/23, 5/24/2011
Metals/6010C	NA	6 months	5/10, 5/16/2011	NA	5/21/2011

Sample Collection Date : 5/17, 5/19/2011

Sample temperature above QC limit: No (2.1°)

Surrogate Recovery
Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Surrogate Allowable Ranges for GC SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: NA

MS/MSD

Are all MS/MSD sample recoveries within the QC limits ? No
If No, list sample ID and compound where limit was exceeded:
MSN1996-BS/BSD for Acrylonitrile: Outside control limits. Associated samples are non-detect for this compound.
No qualification necessary

Equipment Field Blank ID : Equip blank
Trip Blank ID : Trip Blank
Method Blank: VOC/8260B (5/23, 5/27/2011) SVOC/8270C (5/27/2011) ETPH (5/23/2011) 6010C (5/20, 5/23/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? No

If so, list Sample ID/Compound/Concentration/Units:

Sample Analysis Notes by Method:

Method SW846 8260B
Blank Spike Recovery(s) for Acetone, Dichlorodifluoromethane are outside control limits. Blank Spike meets program technical requirements.
No qualification for acetone. Qualify Dichlorofifluoromethane UJ for associated samples (MC348-2, -3, -11, -12, and -14)

Continuing calibration check standard MSL1774-CC1764 for acetone, acrylonitrile exceed 30% Difference. This check standard met RCP criteria.
No qualification necessary
Initial calibration verification standard MSL1764-ICV1764 for acetone, 2-butanone exceed 35% Difference.
No qualification necessary
Quadratic regression is employed for initial calibration standard MSL1764-ICC1764 for chloromethane, freon-113, methyl tert butyl ether, carbon tetrachloride.
No qualification necessary
SW846 8270C
~~MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.~~

CT-ETPH 7/06
None

SW846 8082
None

SW846 7471A
None

SM21 2540 B MOD
None

SW846 6010C
RPD(s) for Serial Dilution for Zinc are outside control limits for sample MP17088-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
Batch QC, no qualification necessary
RPD(s) for Serial Dilution for Copper, Nickel, Selenium, Vanadium are outside control limits for sample MP17098-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
Sample ID correction
Batch QC, no qualification necessary

Reviewed By:

Data Validation Worksheet

Project Name : NRG Middletown, CT

Job Number : 1009634013

Date: 7/20/2011
Date 08/02/11

Validated By: Kim Napier
Analyte Group : VOC
SVOC
Extractable Total Petroleum Hydrocarbons
Metals - Total and SPLP

Analytical Method : EPA 8260B
EPA 8270C
CT ETPH
EPA 6010C

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes
*Questions 4, and 6 were answered No

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC348

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time : All Holding times were met.

Method	Extraction	Analysis	Collection Date	Extraction date	Analyzed Date
VOC/8260B	NA	14 Days	5/10, 5/16/2011	NA	5/24/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/10, 5/16/2011	5/20, 5/23/2011	5/23, 5/24/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/10, 5/16/2011	5/20,5/23/2011	5/23, 5/24/2011
Metals/6010C	NA	6 months	5/10, 5/16/2011	NA	5/21/2011

Sample Collection Date : 5/17, 5/19/2011

Sample temperature above QC limit: No (2.1°)

Surrogate Recovery
Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Surrogate Allowable Ranges for GC SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: NA

MS/MSD

Are all MS/MSD sample recoveries within the QC limits ? No
If No, list sample ID and compound where limit was exceeded:
MSN1996-BS/BSD for Acrylonitrile: Outside control limits. Associated samples are non-detect for this compound.
No qualification necessary

Equipment Field Blank ID : Equip blank
Trip Blank ID : Trip Blank
Method Blank: VOC/8260B (5/23, 5/27/2011) SVOC/8270C (5/27/2011) ETPH (5/23/2011) 6010C (5/20, 5/23/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? No

If so, list Sample ID/Compound/Concentration/Units:

Sample Analysis Notes by Method:

Method SW846 8260B

Blank Spike Recovery(s) for Acetone, Dichlorodifluoromethane are outside control limits. Blank Spike meets program technical requirements.
No qualification for acetone. Qualify Dichlorofifluoromethane UJ for associated samples (MC348-2, -3, -11, -12, and -14)

Continuing calibration check standard MSL1774-CC1764 for acetone, acrylonitrile exceed 30% Difference. This check standard met RCP criteria.
No qualification necessary
Initial calibration verification standard MSL1764-ICV1764 for acetone, 2-butanone exceed 35% Difference.
No qualification necessary
Quadratic regression is employed for initial calibration standard MSL1764-ICC1764 for chloromethane, freon-113, methyl tert butyl ether, carbon tetrachloride.
No qualification necessary
SW846 8270C
~~MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.~~

CT-ETPH 7/06
None

SW846 8082
None

SW846 7471A
None

SM21 2540 B MOD
None

SW846 6010C
RPD(s) for Serial Dilution for Zinc are outside control limits for sample MP17088-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
Batch QC, no qualification necessary
RPD(s) for Serial Dilution for Copper, Nickel, Selenium, Vanadium are outside control limits for sample MP17098-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
Sample ID correction
Batch QC, no qualification necessary

Reviewed By:

Accutest Laboratories

Report of Analysis

3.2

Client Sample ID:	AOC4-MW1		
Lab Sample ID:	MC348-2	Date Sampled:	05/16/11
Matrix:	AQ - Ground Water	Date Received:	05/18/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53257.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	-UJ
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.3

Client Sample ID:	AOC4-MW1 DUP		
Lab Sample ID:	MC348-3	Date Sampled:	05/16/11
Matrix:	AQ - Ground Water	Date Received:	05/18/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53258.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	-
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	- UJ
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.11

Client Sample ID:	AOC5-MW1		
Lab Sample ID:	MC348-11	Date Sampled:	05/16/11
Matrix:	AQ - Ground Water	Date Received:	05/18/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53259.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	- UJ
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.12 (3)

Client Sample ID:	AOC8-SB1/MW1		
Lab Sample ID:	MC348-12	Date Sampled:	05/16/11
Matrix:	AQ - Ground Water	Date Received:	05/18/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53260.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	- UJ
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.14

Client Sample ID:	AOC9-SB2/MW2		
Lab Sample ID:	MC348-14	Date Sampled:	05/16/11
Matrix:	AQ - Ground Water	Date Received:	05/18/11
Method:	SW846 8260B	Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53261.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	- UJ
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

06/02/11

Technical Report for

Shaw Environmental & Infrastructure

NRG Middletown 1866 River Rd. Middletown CT

1009634013

Accutest Job Number: MC348

Sampling Dates: 05/10/11 - 05/16/11

Report to:

andrew.walker@shawgrp.com

Total number of pages in report: **96**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Accutest Laboratories

Sample Summary

Shaw Environmental & Infrastructure

Job No: MC348

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC348-1	05/16/11	17:00	PL	05/18/11	AQ	Ground Water	TW-14
MC348-2	05/16/11	09:45	PL	05/18/11	AQ	Ground Water	AOC4-MW1
MC348-3	05/16/11	09:45	PL	05/18/11	AQ	Ground Water	AOC4-MW1 DUP
MC348-4	05/16/11	10:50	PL	05/18/11	AQ	Ground Water	AOC9-SB1/MW1
MC348-5	05/16/11	10:50	PL	05/18/11	AQ	Ground Water	AOC9-SB1/MW1 DUP
MC348-6	05/16/11	13:00	PL	05/18/11	AQ	Ground Water	AOC2-SB1/-MW1
MC348-7	05/16/11	14:25	PL	05/18/11	AQ	Ground Water	TW-18
MC348-8	05/16/11	15:55	PL	05/18/11	AQ	Ground Water	TW-21D
MC348-9	05/16/11	18:30	PL	05/18/11	AQ	Equipment Blank	EQUIP BLANKS
MC348-10	05/10/11	00:00	PL	05/18/11	AQ	Trip Blank Water	TRIP BLANKS
MC348-11	05/16/11	09:40	PL	05/18/11	AQ	Ground Water	AOC5-MW1
MC348-12	05/16/11	12:15	PL	05/18/11	AQ	Ground Water	AOC8-SB1/MW1
MC348-13	05/16/11	12:30	PL	05/18/11	AQ	Ground Water	AOC8-SB1/MW1 DUP

Accutest Laboratories

Sample Summary
(continued)

Shaw Environmental & Infrastructure

Job No: MC348

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC348-14	05/16/11	14:40	PL	05/18/11	AQ	Ground Water	AOC9-SB2/MW2
MC348-15	05/16/11	14:55	PL	05/18/11	AQ	Ground Water	AOC9-SB2/MW2 DUP
MC348-16	05/16/11	16:50	PL	05/18/11	AQ	Ground Water	TW-17D
MC348-17	05/16/11	18:00	PL	05/18/11	AQ	Ground Water	TW-10

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Shaw Environmental & Infrastructure	**Job No**	MC348
Site:	NRG Middletown 1866 River Rd. Middletown CT	**Report Date**	6/2/2011 5:05:43 PM

16 Sample(s), 1 Trip Blank were collected on between 05/10/2011 and 05/16/2011 and were received at Accutest on 05/18/2011 properly preserved, at 2.1 Deg. C and intact. These Samples received an Accutest job number of MC348. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSL1774

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for Acetone, Dichlorodifluoromethane are outside control limits. Blank Spike meets program technical requirements.
- Continuing calibration check standard MSL1774-CC1764 for acetone, acrylonitrile exceed 30% Difference. This check standard met RCP criteria.
- Initial calibration verification standard MSL1764-ICV1764 for acetone, 2-butanone exceed 35% Difference.
- Quadratic regression is employed for initial calibration standard MSL1764-ICC1764 for chloromethane, freon-113, methyl tert butyl ether, carbon tetrachloride.

Matrix AQ **Batch ID:** MSN1996

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Quadratic regression is employed for initial calibration standard MSN1974-ICC1974 for 2-butanone, 2,2-dichloropropane, carbon tetrachloride.
- MSN1996-BS/BSD for Acrylonitrile: Outside control limits. Associated samples are non-detect for this compound.

Extractables by GCMS By Method SW846 8270C BY SIM

Matrix AQ **Batch ID:** OP25011

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Only PAHs requested.
- Quadratic regression is employed for MSF2545-ICC2545 for Anthracene, Fluoranthene, Benzo[k]fluoranthene, Benzo[a]pyrene, Indeno[1,2,3-cd]pyrene, Dibenz[a,h]anthracene, Benzo[g,h,i]perylene.

Extractables by GC By Method CT-ETPH 7/06

Matrix AQ	**Batch ID:** OP24989

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix AQ	**Batch ID:** OP25019

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix AQ	**Batch ID:** MP17088

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC343-2SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Zinc are outside control limits for sample MP17088-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Only selected metals requested.

Matrix AQ	**Batch ID:** MP17098

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC370-11SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Copper, Nickel, Selenium, Vanadium are outside control limits for sample MP17098-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Accutest may not have met all requested limits due to methodology limitations, sample matrix, dilutions, or percents solids.

- Only selected metals requested.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC348).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TW-14		
Lab Sample ID:	MC348-1	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51420.D	1	05/24/11	SS	05/20/11	OP24989	GBC2475
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.132	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	50%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TW-14		
Lab Sample ID:	MC348-1	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Cadmium	< 4.0	4.0	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Chromium	< 10	10	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Copper	< 25	25	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Lead	< 5.0	5.0	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Nickel	< 40	40	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Selenium	< 10	10	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Vanadium	< 10	10	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]
Zinc	< 20	20	ug/l	1	05/20/11	05/20/11	DA	SW846 6010C [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA12992
(2) Prep QC Batch: MP17088

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AOC4-MW1		
Lab Sample ID:	MC348-2	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53257.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC4-MW1		
Lab Sample ID:	MC348-2	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	1.3	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC4-MW1		
Lab Sample ID:	MC348-2	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC4-MW1 DUP		
Lab Sample ID:	MC348-3	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53258.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC4-MW1 DUP		
Lab Sample ID:	MC348-3	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	1.4	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	8.7	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC4-MW1 DUP		
Lab Sample ID:	MC348-3	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC9-SB1/MW1		
Lab Sample ID:	MC348-4	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AOC9-SB1/MW1 DUP		
Lab Sample ID:	MC348-5	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AOC2-SB1/-MW1		
Lab Sample ID:	MC348-6	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	25.0	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TW-18		
Lab Sample ID:	MC348-7	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.1	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	15.4	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	92.4	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TW-21D		
Lab Sample ID:	MC348-8	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	48.6	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EQUIP BLANKS		
Lab Sample ID:	MC348-9	**Date Sampled:**	05/16/11
Matrix:	AQ - Equipment Blank	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53256.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIP BLANKS		
Lab Sample ID:	MC348-9	**Date Sampled:**	05/16/11
Matrix:	AQ - Equipment Blank	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIP BLANKS		
Lab Sample ID:	MC348-9	**Date Sampled:**	05/16/11
Matrix:	AQ - Equipment Blank	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIP BLANKS		
Lab Sample ID:	MC348-9	**Date Sampled:**	05/16/11
Matrix:	AQ - Equipment Blank	**Date Received:**	05/18/11
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F53051.D	1	05/27/11	PR	05/23/11	OP25011	MSF2560
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	ND	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	87%		30-130%
321-60-8	2-Fluorobiphenyl	68%		30-130%
1718-51-0	Terphenyl-d14	91%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIP BLANKS		
Lab Sample ID:	MC348-9	**Date Sampled:**	05/16/11
Matrix:	AQ - Equipment Blank	**Date Received:**	05/18/11
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51412.D	1	05/23/11	SS	05/20/11	OP24989	GBC2475
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	89%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIP BLANKS		
Lab Sample ID:	MC348-9	**Date Sampled:**	05/16/11
Matrix:	AQ - Equipment Blank	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANKS		
Lab Sample ID:	MC348-10	**Date Sampled:**	05/10/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N52912.D	1	05/23/11	JP	n/a	n/a	MSN1996
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANKS		
Lab Sample ID:	MC348-10	**Date Sampled:**	05/10/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANKS		
Lab Sample ID:	MC348-10	**Date Sampled:**	05/10/11
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	108%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC5-MW1		
Lab Sample ID:	MC348-11	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53259.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC5-MW1		
Lab Sample ID:	MC348-11	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC5-MW1		
Lab Sample ID:	MC348-11	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC8-SB1/MW1		
Lab Sample ID:	MC348-12	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53260.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC8-SB1/MW1		
Lab Sample ID:	MC348-12	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC8-SB1/MW1		
Lab Sample ID:	MC348-12	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC8-SB1/MW1		
Lab Sample ID:	MC348-12	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F53052.D	1	05/27/11	PR	05/23/11	OP25011	MSF2560
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	ND	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		30-130%
321-60-8	2-Fluorobiphenyl	58%		30-130%
1718-51-0	Terphenyl-d14	82%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC8-SB1/MW1		
Lab Sample ID:	MC348-12	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51423.D	1	05/24/11	SS	05/20/11	OP24989	GBC2475
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	1.49	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	62%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC8-SB1/MW1		
Lab Sample ID:	MC348-12	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AOC8-SB1/MW1 DUP		
Lab Sample ID:	MC348-13	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51424.D	1	05/24/11	SS	05/20/11	OP24989	GBC2475
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	1.57	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	63%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC9-SB2/MW2		
Lab Sample ID:	MC348-14	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L53261.D	1	05/27/11	AMY	n/a	n/a	MSL1774
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC9-SB2/MW2		
Lab Sample ID:	MC348-14	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC9-SB2/MW2		
Lab Sample ID:	MC348-14	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC9-SB2/MW2		
Lab Sample ID:	MC348-14	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F53053.D	1	05/27/11	PR	05/23/11	OP25011	MSF2560
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	0.17	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		30-130%
321-60-8	2-Fluorobiphenyl	53%		30-130%
1718-51-0	Terphenyl-d14	70%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC9-SB2/MW2		
Lab Sample ID:	MC348-14	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51413.D	1	05/23/11	SS	05/20/11	OP24989	GBC2475
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.610	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	73%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AOC9-SB2/MW2		
Lab Sample ID:	MC348-14	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	22.7	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AOC9-SB2/MW2 DUP		
Lab Sample ID:	MC348-15	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51419.D	1	05/24/11	SS	05/20/11	OP24989	GBC2475
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.595	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	71%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TW-17D		
Lab Sample ID:	MC348-16	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 4.0	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	53.2	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	612	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	TW-10		
Lab Sample ID:	MC348-17	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
Method:	CT-ETPH 7/06 SW846 3510C	**Percent Solids:**	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27723.D	1	05/28/11	KD	05/23/11	OP25019	GBG946
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	0.080	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	58%		50-149%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TW-10		
Lab Sample ID:	MC348-17	**Date Sampled:**	05/16/11
Matrix:	AQ - Ground Water	**Date Received:**	05/18/11
		Percent Solids:	n/a
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.5	4.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 4.0	4.0	ug/l	1	05/23/11	05/24/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 25	25	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 5.0	5.0	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Nickel	< 40	40	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	13.0	10	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	05/23/11	05/23/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13001
(2) Instrument QC Batch: MA13003
(3) Prep QC Batch: MP17098

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody
- RCP Form
- Sample Tracking Chronicle

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 2

FED EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC348

Client / Reporting Information

Company Name	Shaw Environmental, Inc.
Street Address	100 Technology Center Dr.
City / State / Zip	Stoughton, MA 02072
Project Contact / E-mail	Andrew Walker
Phone # / Fax #	617-589-6143
Sampler(s) Name(s) / Phone #	617-212-8271 Paul LeDoux

Project Information

Project Name	NRG Middletown
Street	1866 River Road
City	Middletown, CT
Project#	1009634013
Client PO#	
Project Manager	Andrew Walker

Billing Information (If different from Report to)

Company Name	
Street Address	
City / State / Zip	
Attention:	PO#

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MFOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	D Water	MEOH	ENCORE	Bisulfate	VOC by EPA 8260B (RCP List)	PAH + 2-methylnaphthalene by EPA 8270 SIM	Metals by EPA 6010B (As, Cd, Cr, Cu, Ni, Pb, Se, V, Zn)	ETPH by CT DEP Method	LAB USE ONLY
-1	TW-14		5.16.11	1700	AL	GW	3			1		2							1	2	
-2	AOC4-MW1			0945	AL		3	3									3				
-3	AOC4-MW1 Dup			0945	AL		3	3									3				
-4	AOC9-SB1/MW1			1050	AL		1			1									1		
-5	AOC9-SB1/MW1 Dup			1050	AL		1			1									1		
-6	AOC2-SB1/-MW1			1300	AL		1			1									1		
-7	TW-18			1425	AL		1			1									1		
-8	TW-21 D			1555	AL		1			1									1		
-9	Equip Blanks			1830	AL		6	3		1		2					3	1	1	1	
-10	Trip Blanks		5.10.11				2	2									2				

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO Soil
SL Sludge
SED Sediment
OI Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [x] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [x] EDD Format GISKey
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Detection limits must meet SWPC standards.
QA/QC Reporting Level: CTDEP RCP
Refer to site specific QAPP.
PO# 689715 3H2, 5E, 1GBB

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	5.18.11 1300	[signature]	2 [signature]	5/18/11 18:30	[signature]
3		3	4		4
5		5			

Custody Seal # ☐ Intact ☐ Not intact — Preserved where applicable ☐ — On Ice ☑ — Cooler Temp. 2.1, 1.9

4.1 4

MC348: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 2 OF 2

FED EX Tracking #:
Bottle Order Control #: MC348
Accutest Quote #:
Accutest Job #:

Client / Reporting Information

Company Name: Shaw Environmental, Inc.
Street Address: 100 Technology Center Dr.
City / State / Zip: Stoughton, MA 02072
Project Contact / E-mail: Andrew Walker
Phone #: 617-589-6143 / Fax #:
Sampler(s) Name(s) / Phone #: Matt Viscovich 617-212-1015

Project Information

Project Name: NRG Middletown
Street: 1866 River Road
City: Middletown, CT
Project#: 10096034013
Client PO#:
Project Manager: Andrew Walker

Billing Information (If different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	Voc by EPA 8260B (RCP List)	PAH + 2-Methylnaphthalene by EPA 8270 SIM	Metals by EPA 6010B (As, Cd, Cr, Cu, Ni, Pb, Se, V, Zn)	ETPH-CTDEP Method	LAB USE ONLY
-11	AOC5-MW1		5/16/11	0940	MV	GW	3	3									3				
-12	AOC8-SB1/MW1			1215	MV		8	3		1		4					3	2	1	2	
-13	AOC8-SB1/MW1 DUP.			1230	MV		2					2								2	
-14	AOC9-SB2/MW2			1440	MV		8	3		1		4					3	2	1	2	
-15	AOC9-SB2/MW2 DUP			1455	MV		2					2								2	
-16	TW-17D			1650	MV		1			1									1		
-17	TW-10			1800			3			1		2							1	2	

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [x] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [x] EDD Format GISKey
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Detection limits must meet SWPC standards.
QA/QC Reporting Level: CTDEP RCP
Refer to site specific QAPP.
PO# 689715

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	5/18/11 1650	1 [signature]	2 [signature]	5/18/11 1830	2 [signature]
3		3	4		4
5		5			

Custody Seal #: ☐ Intact ☐ Not intact
Preserved where applicable: ☐
On Ice: ☑
Cooler Temp.: 2.1, 1.9

4.1 4

MC348: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: **Accutest New England** **Client:** **Shaw Environmental & Infrastructure**

Project Location: **NRG Middletown 1866 River Rd. Middletown CT** **Project Number:** **1009634013**

Sampling Date(s): **5/16/2011**

Laboratory Sample ID(s): MC348-1, MC348-2, MC348-3, MC348-4, MC348-5, MC348-6, MC348-7, MC348-8, MC348-9, MC348-10, MC348-11, MC348-12, MC348-13, MC348-14, MC348-15, MC348-16, MC348-17

Methods: CT-ETPH 7/06, SW846 6010C, SW846 8260B, SW846 8270C BY SIM

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☐ No ☑
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) Were these reporting limits met?	Yes ☑ No ☐
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes ☐ No ☑
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ☑ No ☐

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Position: Lab Director

Printed Name: Reza Tand Date: 6/2/2011
Accutest New England

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC348

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC348-1 TW-14	Collected: 16-MAY-11 17:00 By: PL		Received: 18-MAY-11 By: JB			
MC348-1	SW846 6010C	20-MAY-11 23:13	DA	20-MAY-11	EM	AS,CD,CR,CU,NI,PB,SE,V,ZN
MC348-1	CT-ETPH 7/06	24-MAY-11 03:27	SS	20-MAY-11	AJ	BCTTPH
MC348-2 AOC4-MW1	Collected: 16-MAY-11 09:45 By: PL		Received: 18-MAY-11 By: JB			
MC348-2	SW846 8260B	27-MAY-11 18:40	AMY			V8260RCP
MC348-3 AOC4-MW1 DUP	Collected: 16-MAY-11 09:45 By: PL		Received: 18-MAY-11 By: JB			
MC348-3	SW846 8260B	27-MAY-11 19:09	AMY			V8260RCP
MC348-4 AOC9-SB1/MW1	Collected: 16-MAY-11 10:50 By: PL		Received: 18-MAY-11 By: JB			
MC348-4	SW846 6010C	23-MAY-11 19:35	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-4	SW846 6010C	24-MAY-11 19:00	DA	23-MAY-11	EM	CD
MC348-5 AOC9-SB1/MW1 DUP	Collected: 16-MAY-11 10:50 By: PL		Received: 18-MAY-11 By: JB			
MC348-5	SW846 6010C	23-MAY-11 19:39	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-5	SW846 6010C	24-MAY-11 19:04	DA	23-MAY-11	EM	CD
MC348-6 AOC2-SB1/-MW1	Collected: 16-MAY-11 13:00 By: PL		Received: 18-MAY-11 By: JB			
MC348-6	SW846 6010C	23-MAY-11 19:44	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-6	SW846 6010C	24-MAY-11 19:09	DA	23-MAY-11	EM	CD
MC348-7 TW-18	Collected: 16-MAY-11 14:25 By: PL		Received: 18-MAY-11 By: JB			
MC348-7	SW846 6010C	23-MAY-11 19:48	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-7	SW846 6010C	24-MAY-11 19:22	DA	23-MAY-11	EM	CD

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC348

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC348-8 TW-21D	Collected: 16-MAY-11 15:55 By: PL		Received: 18-MAY-11 By: JB			
MC348-8	SW846 6010C	23-MAY-11 20:19	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-8	SW846 6010C	24-MAY-11 19:26	DA	23-MAY-11	EM	CD
MC348-9 EQUIP BLANKS	Collected: 16-MAY-11 18:30 By: PL		Received: 18-MAY-11 By: JB			
MC348-9	SW846 6010C	23-MAY-11 20:23	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-9	CT-ETPH 7/06	23-MAY-11 22:15	SS	20-MAY-11	AJ	BCTTPH
MC348-9	SW846 6010C	24-MAY-11 19:31	DA	23-MAY-11	EM	CD
MC348-9	SW846 8260B	27-MAY-11 18:12	AMY			V8260RCP
MC348-9	SW846 8270C BY SIM	27-MAY-11 19:29	PR	23-MAY-11	FC	B8270SIMPAH
MC348-10 TRIP BLANKS	Collected: 10-MAY-11 00:00 By: PL		Received: 18-MAY-11 By: JB			
MC348-10	SW846 8260B	23-MAY-11 13:39	JP			V8260RCP
MC348-11 AOC5-MW1	Collected: 16-MAY-11 09:40 By: PL		Received: 18-MAY-11 By: JB			
MC348-11	SW846 8260B	27-MAY-11 19:38	AMY			V8260RCP
MC348-12 AOC8-SB1/MW1	Collected: 16-MAY-11 12:15 By: PL		Received: 18-MAY-11 By: JB			
MC348-12	SW846 6010C	23-MAY-11 19:17	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-12	CT-ETPH 7/06	24-MAY-11 05:27	SS	20-MAY-11	AJ	BCTTPH
MC348-12	SW846 6010C	24-MAY-11 19:35	DA	23-MAY-11	EM	CD
MC348-12	SW846 8270C BY SIM	27-MAY-11 20:02	PR	23-MAY-11	FC	B8270SIMPAH
MC348-12	SW846 8260B	27-MAY-11 20:06	AMY			V8260RCP
MC348-13 AOC8-SB1/MW1 DUP	Collected: 16-MAY-11 12:30 By: PL		Received: 18-MAY-11 By: JB			
MC348-13	CT-ETPH 7/06	24-MAY-11 06:06	SS	20-MAY-11	AJ	BCTTPH

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC348

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC348-14	Collected: 16-MAY-11 14:40 By: PL		Received: 18-MAY-11 By: JB			
AOC9-SB2/MW2						
MC348-14	SW846 6010C	23-MAY-11 19:21	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-14	CT-ETPH 7/06	23-MAY-11 22:54	SS	20-MAY-11	AJ	BCTTPH
MC348-14	SW846 6010C	24-MAY-11 19:39	DA	23-MAY-11	EM	CD
MC348-14	SW846 8270C BY SIM	27-MAY-11 20:28	PR	23-MAY-11	FC	B8270SIMPAH
MC348-14	SW846 8260B	27-MAY-11 20:35	AMY			V8260RCP
MC348-15	Collected: 16-MAY-11 14:55 By: PL		Received: 18-MAY-11 By: JB			
AOC9-SB2/MW2 DUP						
MC348-15	CT-ETPH 7/06	24-MAY-11 02:48	SS	20-MAY-11	AJ	BCTTPH
MC348-16	Collected: 16-MAY-11 16:50 By: PL		Received: 18-MAY-11 By: JB			
TW-17D						
MC348-16	SW846 6010C	23-MAY-11 19:26	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-16	SW846 6010C	24-MAY-11 19:44	DA	23-MAY-11	EM	CD
MC348-17	Collected: 16-MAY-11 18:00 By: PL		Received: 18-MAY-11 By: JB			
TW-10						
MC348-17	SW846 6010C	23-MAY-11 19:30	DA	23-MAY-11	EM	AS,CR,CU,NI,PB,SE,V,ZN
MC348-17	SW846 6010C	24-MAY-11 19:48	DA	23-MAY-11	EM	CD
MC348-17	CT-ETPH 7/06	28-MAY-11 03:45	KD	23-MAY-11	AJ	BCTTPH

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1996-MB	N52911.D	1	05/23/11	JP	n/a	n/a	MSN1996

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-10

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1996-MB	N52911.D	1	05/23/11	JP	n/a	n/a	MSN1996

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-10

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1996-MB	N52911.D	1	05/23/11	JP	n/a	n/a	MSN1996

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-10

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1774-MB	L53243.D	1	05/27/11	AMY	n/a	n/a	MSL1774

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-2, MC348-3, MC348-9, MC348-11, MC348-12, MC348-14

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
107-13-1	Acrylonitrile	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1774-MB	L53243.D	1	05/27/11	AMY	n/a	n/a	MSL1774

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-2, MC348-3, MC348-9, MC348-11, MC348-12, MC348-14

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
76-13-1	Freon 113	ND	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
109-99-9	Tetrahydrofuran	ND	10	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1774-MB	L53243.D	1	05/27/11	AMY	n/a	n/a	MSL1774

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-2, MC348-3, MC348-9, MC348-11, MC348-12, MC348-14

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%

Blank Spike Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1774-BS	L53241.D	1	05/27/11	AMY	n/a	n/a	MSL1774

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-2, MC348-3, MC348-9, MC348-11, MC348-12, MC348-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	69.7	139* [a]	70-130
107-13-1	Acrylonitrile	50	61.7	123	70-130
71-43-2	Benzene	50	47.9	96	70-130
108-86-1	Bromobenzene	50	48.3	97	70-130
75-27-4	Bromodichloromethane	50	55.1	110	70-130
75-25-2	Bromoform	50	54.9	110	70-130
74-83-9	Bromomethane	50	49.4	99	70-130
78-93-3	2-Butanone (MEK)	50	55.3	111	70-130
104-51-8	n-Butylbenzene	50	47.0	94	70-130
135-98-8	sec-Butylbenzene	50	48.5	97	70-130
98-06-6	tert-Butylbenzene	50	46.9	94	70-130
75-15-0	Carbon disulfide	50	43.2	86	70-130
56-23-5	Carbon tetrachloride	50	56.8	114	70-130
108-90-7	Chlorobenzene	50	47.5	95	70-130
75-00-3	Chloroethane	50	54.7	109	70-130
67-66-3	Chloroform	50	50.3	101	70-130
74-87-3	Chloromethane	50	52.5	105	70-130
95-49-8	o-Chlorotoluene	50	45.3	91	70-130
106-43-4	p-Chlorotoluene	50	47.1	94	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	53.8	108	70-130
124-48-1	Dibromochloromethane	50	52.5	105	70-130
106-93-4	1,2-Dibromoethane	50	48.6	97	70-130
95-50-1	1,2-Dichlorobenzene	50	48.8	98	70-130
541-73-1	1,3-Dichlorobenzene	50	48.1	96	70-130
106-46-7	1,4-Dichlorobenzene	50	47.2	94	70-130
75-71-8	Dichlorodifluoromethane	50	32.1	64* [a]	70-130
75-34-3	1,1-Dichloroethane	50	51.6	103	70-130
107-06-2	1,2-Dichloroethane	50	49.4	99	70-130
75-35-4	1,1-Dichloroethene	50	54.7	109	70-130
156-59-2	cis-1,2-Dichloroethene	50	49.6	99	70-130
156-60-5	trans-1,2-Dichloroethene	50	50.1	100	70-130
78-87-5	1,2-Dichloropropane	50	47.7	95	70-130
142-28-9	1,3-Dichloropropane	50	49.4	99	70-130
594-20-7	2,2-Dichloropropane	50	60.9	122	70-130
563-58-6	1,1-Dichloropropene	50	44.2	88	70-130
10061-01-5	cis-1,3-Dichloropropene	50	47.9	96	70-130

Blank Spike Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1774-BS	L53241.D	1	05/27/11	AMY	n/a	n/a	MSL1774

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-2, MC348-3, MC348-9, MC348-11, MC348-12, MC348-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	51.5	103	70-130
100-41-4	Ethylbenzene	50	45.9	92	70-130
76-13-1	Freon 113	50	59.0	118	70-130
87-68-3	Hexachlorobutadiene	50	45.1	90	70-130
591-78-6	2-Hexanone	50	45.4	91	70-130
98-82-8	Isopropylbenzene	50	52.8	106	70-130
99-87-6	p-Isopropyltoluene	50	50.0	100	70-130
1634-04-4	Methyl Tert Butyl Ether	50	45.1	90	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	44.5	89	70-130
74-95-3	Methylene bromide	50	49.8	100	70-130
75-09-2	Methylene chloride	50	58.8	118	70-130
91-20-3	Naphthalene	50	45.9	92	70-130
103-65-1	n-Propylbenzene	50	47.2	94	70-130
100-42-5	Styrene	50	46.5	93	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	53.0	106	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	51.5	103	70-130
127-18-4	Tetrachloroethene	50	46.7	93	70-130
109-99-9	Tetrahydrofuran	50	46.5	93	70-130
108-88-3	Toluene	50	47.2	94	70-130
110-57-6	Trans-1,4-Dichloro-2-Butene	50	50.5	101	70-130
87-61-6	1,2,3-Trichlorobenzene	50	46.5	93	70-130
120-82-1	1,2,4-Trichlorobenzene	50	46.7	93	70-130
71-55-6	1,1,1-Trichloroethane	50	52.3	105	70-130
79-00-5	1,1,2-Trichloroethane	50	50.3	101	70-130
79-01-6	Trichloroethene	50	47.9	96	70-130
75-69-4	Trichlorofluoromethane	50	48.0	96	70-130
96-18-4	1,2,3-Trichloropropane	50	51.8	104	70-130
95-63-6	1,2,4-Trimethylbenzene	50	46.5	93	70-130
108-67-8	1,3,5-Trimethylbenzene	50	46.3	93	70-130
75-01-4	Vinyl chloride	50	55.9	112	70-130
	m,p-Xylene	100	94.8	95	70-130
95-47-6	o-Xylene	50	49.3	99	70-130

Blank Spike Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL1774-BS	L53241.D	1	05/27/11	AMY	n/a	n/a	MSL1774

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-2, MC348-3, MC348-9, MC348-11, MC348-12, MC348-14

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	92%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1996-BS	N52908.D	1	05/23/11	JP	n/a	n/a	MSN1996
MSN1996-BSD	N52909.D	1	05/23/11	JP	n/a	n/a	MSN1996

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50	38.2	76	35.8	72	6	70-130/25
107-13-1	Acrylonitrile	50	224	448* [a]	228	456* [a]	2	70-130/25
71-43-2	Benzene	50	53.8	108	52.9	106	2	70-130/25
108-86-1	Bromobenzene	50	57.6	115	56.7	113	2	70-130/25
75-27-4	Bromodichloromethane	50	59.7	119	59.2	118	1	70-130/25
75-25-2	Bromoform	50	52.3	105	53.3	107	2	70-130/25
74-83-9	Bromomethane	50	55.8	112	55.5	111	1	70-130/25
78-93-3	2-Butanone (MEK)	50	39.6	79	38.2	76	4	70-130/25
104-51-8	n-Butylbenzene	50	55.2	110	53.5	107	3	70-130/25
135-98-8	sec-Butylbenzene	50	52.6	105	51.8	104	2	70-130/25
98-06-6	tert-Butylbenzene	50	52.4	105	51.6	103	2	70-130/25
75-15-0	Carbon disulfide	50	52.5	105	51.2	102	3	70-130/25
56-23-5	Carbon tetrachloride	50	52.0	104	52.6	105	1	70-130/25
108-90-7	Chlorobenzene	50	53.9	108	53.4	107	1	70-130/25
75-00-3	Chloroethane	50	51.2	102	50.7	101	1	70-130/25
67-66-3	Chloroform	50	51.7	103	50.3	101	3	70-130/25
74-87-3	Chloromethane	50	53.7	107	52.1	104	3	70-130/25
95-49-8	o-Chlorotoluene	50	51.5	103	50.6	101	2	70-130/25
106-43-4	p-Chlorotoluene	50	54.1	108	53.2	106	2	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	50	47.8	96	49.1	98	3	70-130/25
124-48-1	Dibromochloromethane	50	54.9	110	55.1	110	0	70-130/25
106-93-4	1,2-Dibromoethane	50	55.2	110	55.4	111	0	70-130/25
95-50-1	1,2-Dichlorobenzene	50	54.6	109	53.7	107	2	70-130/25
541-73-1	1,3-Dichlorobenzene	50	55.6	111	54.8	110	1	70-130/25
106-46-7	1,4-Dichlorobenzene	50	53.4	107	52.7	105	1	70-130/25
75-71-8	Dichlorodifluoromethane	50	50.9	102	49.5	99	3	70-130/25
75-34-3	1,1-Dichloroethane	50	49.7	99	49.1	98	1	70-130/25
107-06-2	1,2-Dichloroethane	50	53.4	107	54.1	108	1	70-130/25
75-35-4	1,1-Dichloroethene	50	52.3	105	50.2	100	4	70-130/25
156-59-2	cis-1,2-Dichloroethene	50	50.0	100	49.0	98	2	70-130/25
156-60-5	trans-1,2-Dichloroethene	50	51.8	104	51.0	102	2	70-130/25
78-87-5	1,2-Dichloropropane	50	52.0	104	52.2	104	0	70-130/25
142-28-9	1,3-Dichloropropane	50	52.0	104	51.8	104	0	70-130/25
594-20-7	2,2-Dichloropropane	50	46.1	92	46.0	92	0	70-130/25
563-58-6	1,1-Dichloropropene	50	56.0	112	54.1	108	3	70-130/25
10061-01-5	cis-1,3-Dichloropropene	50	50.0	100	50.9	102	2	70-130/25

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1996-BS	N52908.D	1	05/23/11	JP	n/a	n/a	MSN1996
MSN1996-BSD	N52909.D	1	05/23/11	JP	n/a	n/a	MSN1996

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	50	52.3	105	53.7	107	3	70-130/25
100-41-4	Ethylbenzene	50	55.1	110	53.9	108	2	70-130/25
76-13-1	Freon 113	50	52.8	106	51.0	102	3	70-130/25
87-68-3	Hexachlorobutadiene	50	58.7	117	57.0	114	3	70-130/25
591-78-6	2-Hexanone	50	45.2	90	43.4	87	4	70-130/25
98-82-8	Isopropylbenzene	50	62.5	125	61.0	122	2	70-130/25
99-87-6	p-Isopropyltoluene	50	55.7	111	54.4	109	2	70-130/25
1634-04-4	Methyl Tert Butyl Ether	50	49.9	100	50.4	101	1	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	50	46.0	92	46.9	94	2	70-130/25
74-95-3	Methylene bromide	50	53.7	107	53.9	108	0	70-130/25
75-09-2	Methylene chloride	50	49.3	99	48.8	98	1	70-130/25
91-20-3	Naphthalene	50	55.5	111	55.8	112	1	70-130/25
103-65-1	n-Propylbenzene	50	54.6	109	52.9	106	3	70-130/25
100-42-5	Styrene	50	60.3	121	57.4	115	5	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	50	61.4	123	61.1	122	0	70-130/25
79-34-5	1,1,2,2-Tetrachloroethane	50	51.5	103	51.7	103	0	70-130/25
127-18-4	Tetrachloroethene	50	59.2	118	57.5	115	3	70-130/25
109-99-9	Tetrahydrofuran	50	48.6	97	48.1	96	1	70-130/25
108-88-3	Toluene	50	55.4	111	55.2	110	0	70-130/25
110-57-6	Trans-1,4-Dichloro-2-Butene	50	42.6	85	43.2	86	1	70-130/25
87-61-6	1,2,3-Trichlorobenzene	50	57.4	115	57.4	115	0	70-130/25
120-82-1	1,2,4-Trichlorobenzene	50	58.9	118	59.4	119	1	70-130/25
71-55-6	1,1,1-Trichloroethane	50	55.0	110	54.6	109	1	70-130/25
79-00-5	1,1,2-Trichloroethane	50	54.8	110	54.1	108	1	70-130/25
79-01-6	Trichloroethene	50	55.5	111	53.9	108	3	70-130/25
75-69-4	Trichlorofluoromethane	50	49.8	100	48.2	96	3	70-130/25
96-18-4	1,2,3-Trichloropropane	50	51.9	104	51.8	104	0	70-130/25
95-63-6	1,2,4-Trimethylbenzene	50	52.2	104	51.2	102	2	70-130/25
108-67-8	1,3,5-Trimethylbenzene	50	53.4	107	52.4	105	2	70-130/25
75-01-4	Vinyl chloride	50	52.1	104	51.0	102	2	70-130/25
	m,p-Xylene	100	113	113	112	112	1	70-130/25
95-47-6	o-Xylene	50	55.7	111	55.0	110	1	70-130/25

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN1996-BS	N52908.D	1	05/23/11	JP	n/a	n/a	MSN1996
MSN1996-BSD	N52909.D	1	05/23/11	JP	n/a	n/a	MSN1996

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC348-10

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	100%	101%	70-130%
2037-26-5	Toluene-D8	107%	108%	70-130%
460-00-4	4-Bromofluorobenzene	100%	99%	70-130%

(a) Outside control limits. Associated samples are non-detect for this compound.

Volatile Internal Standard Area Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSL1774-CC1764	**Injection Date:**	05/27/11
Lab File ID:	L53240.D	**Injection Time:**	10:33
Instrument ID:	GCMSL	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	59980	8.19	91253	9.02	49347	12.26	49211	14.82	31583	5.82
Upper Limit [a]	119960	8.69	182506	9.52	98694	12.76	98422	15.32	63166	6.32
Lower Limit [b]	29990	7.69	45627	8.52	24674	11.76	24606	14.32	15792	5.32

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSL1774-BS	62010	8.19	93392	9.02	50589	12.26	48552	14.82	24938	5.82
MSL1774-MB	58665	8.19	85483	9.03	42793	12.27	39299	14.82	23837	5.84
ZZZZZZ	56833	8.19	84266	9.03	41843	12.27	38456	14.83	24451	5.84
ZZZZZZ	56255	8.19	82348	9.03	41719	12.27	39132	14.82	23690	5.84
ZZZZZZ	56936	8.19	86017	9.03	43265	12.27	39022	14.82	23529	5.87
ZZZZZZ	55220	8.19	83235	9.03	42637	12.27	38272	14.83	23585	5.84
ZZZZZZ	65867	8.19	99211	9.02	47197	12.26	46592	14.82	18473	5.91
ZZZZZZ	57996	8.19	85037	9.02	42890	12.27	39389	14.83	19884	5.86
ZZZZZZ	55708	8.19	80970	9.03	41565	12.27	38044	14.82	22093	5.86
ZZZZZZ	57270	8.19	84531	9.03	42532	12.27	38590	14.83	21873	5.88
MC281-4	54996	8.19	82773	9.03	42132	12.27	38171	14.83	22804	5.83
ZZZZZZ	54662	8.19	79704	9.03	41375	12.27	37138	14.83	20737	5.87
ZZZZZZ	54397	8.19	79653	9.03	40367	12.27	37117	14.83	21048	5.87
ZZZZZZ	55927	8.19	82770	9.03	42102	12.26	37431	14.83	21174	5.90
MC348-9	54040	8.19	79918	9.03	41228	12.27	37662	14.83	21857	5.83
MC348-2	54698	8.19	83497	9.03	43843	12.27	38628	14.83	22478	5.83
MC348-3	52532	8.19	79454	9.03	40232	12.27	37022	14.83	20590	5.87
MC348-11	54007	8.19	80406	9.03	41420	12.27	37611	14.83	20714	5.87
MC348-12	53586	8.19	79676	9.03	41232	12.27	39081	14.82	21315	5.87
MC348-14	57406	8.19	84026	9.03	42797	12.27	40685	14.82	23144	5.83
MC281-4MS	58939	8.19	89787	9.02	48994	12.26	48751	14.82	25189	5.82
MC281-4MSD	60427	8.19	90097	9.02	48899	12.26	48649	14.82	24322	5.83

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSN1996-CC1974	**Injection Date:**	05/23/11
Lab File ID:	N52907.D	**Injection Time:**	11:18
Instrument ID:	GCMSN	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	175988	8.60	281337	9.46	153468	12.70	127902	15.26	63907	6.18
Upper Limit [a]	351976	9.10	562674	9.96	306936	13.20	255804	15.76	127814	6.68
Lower Limit [b]	87994	8.10	140669	8.96	76734	12.20	63951	14.76	31954	5.68

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSN1996-BS	179820	8.60	288912	9.46	157984	12.70	127058	15.26	62877	6.18
MSN1996-BSD	177797	8.60	283554	9.46	156232	12.70	126942	15.26	62353	6.18
MSN1996-MB	171214	8.60	279868	9.46	143943	12.70	115745	15.26	60377	6.19
MC348-10	170471	8.60	274130	9.46	142530	12.70	114412	15.26	62563	6.19
ZZZZZZ	167945	8.60	275230	9.46	141893	12.70	113187	15.27	59085	6.18
ZZZZZZ	165701	8.60	273353	9.46	140938	12.70	111581	15.27	55845	6.19
ZZZZZZ	176187	8.60	286844	9.46	154223	12.70	133170	15.26	62805	6.18
ZZZZZZ	179442	8.60	284858	9.46	147131	12.71	119193	15.26	61534	6.19
ZZZZZZ	176244	8.60	280696	9.46	146727	12.70	119673	15.26	63525	6.19
ZZZZZZ	179396	8.60	284055	9.46	146235	12.70	119356	15.26	79359	6.19
ZZZZZZ	178586	8.60	281674	9.46	144877	12.70	119905	15.26	67981	6.18
ZZZZZZ	179068	8.60	282080	9.46	145527	12.70	119890	15.26	67541	6.19
ZZZZZZ	179695	8.60	282184	9.46	145622	12.71	118614	15.27	66280	6.18
ZZZZZZ	174612	8.60	280205	9.46	145056	12.70	114925	15.26	67553	6.19
MC170-10	171766	8.60	280773	9.46	145757	12.70	114668	15.27	65074	6.19
MC170-10MS	172749	8.60	284050	9.46	154277	12.70	126050	15.26	66790	6.18
MC170-10MSD	175167	8.60	285118	9.46	156677	12.70	126567	15.26	71038	6.18
ZZZZZZ	172405	8.60	277642	9.46	144376	12.70	113759	15.26	71511	6.19
ZZZZZZ	170119	8.60	274835	9.46	144476	12.71	111723	15.26	69697	6.19
ZZZZZZ	168497	8.60	273358	9.46	143785	12.70	110228	15.26	70031	6.19
ZZZZZZ	165541	8.60	275036	9.46	141799	12.71	108600	15.26	64432	6.19

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Surrogate Recovery Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC348-2	L53257.D	108.0	97.0	93.0
MC348-3	L53258.D	107.0	96.0	91.0
MC348-9	L53256.D	107.0	98.0	93.0
MC348-10	N52912.D	101.0	108.0	100.0
MC348-11	L53259.D	106.0	96.0	87.0
MC348-12	L53260.D	105.0	97.0	90.0
MC348-14	L53261.D	103.0	98.0	90.0
MSL1774-BS	L53241.D	101.0	96.0	92.0
MSL1774-MB	L53243.D	102.0	97.0	95.0
MSN1996-BS	N52908.D	100.0	107.0	100.0
MSN1996-BSD	N52909.D	101.0	108.0	99.0
MSN1996-MB	N52911.D	101.0	105.0	100.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25011-MB	F53043.D	1	05/27/11	PR	05/23/11	OP25011	MSF2560

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC348-9, MC348-12, MC348-14

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	0.10	ug/l	
208-96-8	Acenaphthylene	ND	0.10	ug/l	
120-12-7	Anthracene	ND	0.10	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.10	ug/l	
218-01-9	Chrysene	ND	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	ug/l	
206-44-0	Fluoranthene	ND	0.10	ug/l	
86-73-7	Fluorene	ND	0.10	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	ug/l	
91-57-6	2-Methylnaphthalene	ND	0.20	ug/l	
91-20-3	Naphthalene	ND	0.10	ug/l	
85-01-8	Phenanthrene	ND	0.050	ug/l	
129-00-0	Pyrene	ND	0.10	ug/l	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	81%	30-130%
321-60-8	2-Fluorobiphenyl	64%	30-130%
1718-51-0	Terphenyl-d14	81%	30-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25011-BS	F53044.D	1	05/27/11	PR	05/23/11	OP25011	MSF2560
OP25011-BSD	F53045.D	1	05/27/11	PR	05/23/11	OP25011	MSF2560

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

MC348-9, MC348-12, MC348-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	50	36.0	72	34.9	70	3	40-140/30
208-96-8	Acenaphthylene	50	34.5	69	33.3	67	4	40-140/30
120-12-7	Anthracene	50	39.4	79	36.8	74	7	40-140/30
56-55-3	Benzo(a)anthracene	50	46.1	92	43.1	86	7	40-140/30
50-32-8	Benzo(a)pyrene	50	28.5	57	27.7	55	3	40-140/30
205-99-2	Benzo(b)fluoranthene	50	30.8	62	31.3	63	2	40-140/30
191-24-2	Benzo(g,h,i)perylene	50	37.7	75	37.4	75	1	40-140/30
207-08-9	Benzo(k)fluoranthene	50	25.8	52	25.1	50	3	40-140/30
218-01-9	Chrysene	50	39.0	78	36.6	73	6	40-140/30
53-70-3	Dibenzo(a,h)anthracene	50	43.3	87	41.8	84	4	40-140/30
206-44-0	Fluoranthene	50	44.2	88	41.5	83	6	40-140/30
86-73-7	Fluorene	50	44.4	89	42.4	85	5	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	50	38.1	76	37.7	75	1	40-140/30
91-57-6	2-Methylnaphthalene	50	42.1	84	41.7	83	1	40-140/30
91-20-3	Naphthalene	50	40.1	80	38.9	78	3	40-140/30
85-01-8	Phenanthrene	50	36.7	73	35.1	70	4	40-140/30
129-00-0	Pyrene	50	37.8	76	35.6	71	6	40-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
4165-60-0	Nitrobenzene-d5	88%	87%	30-130%
321-60-8	2-Fluorobiphenyl	70%	67%	30-130%
1718-51-0	Terphenyl-d14	88%	82%	30-130%

Semivolatile Internal Standard Area Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSF2560-CC2545	**Injection Date:**	05/27/11
Lab File ID:	F53034.D	**Injection Time:**	10:20
Instrument ID:	GCMSF	**Method:**	SW846 8270C BY SIM

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	18435	5.09	68511	6.32	40903	8.67	73121	11.12	86066	16.05	77392	18.56
Upper Limit [a]	36870	5.59	137022	6.82	81806	9.17	146242	11.62	172132	16.55	154784	19.06
Lower Limit [b]	9218	4.59	34256	5.82	20452	8.17	36561	10.62	43033	15.55	38696	18.06

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
ZZZZZZ	133721[c]	5.09	491116[c]	6.33	258931[c]	8.67	489618[c]	11.12	557058[c]	16.05	842493[c]	18.57
ZZZZZZ	121995[c]	5.10	446814[c]	6.33	265485[c]	8.67	477390[c]	11.12	543463[c]	16.05	684682[c]	18.56
ZZZZZZ	128095[c]	5.09	452523[c]	6.33	270509[c]	8.67	481427[c]	11.12	523128[c]	16.05	689380[c]	18.56
ZZZZZZ	82409[c]	5.09	268772[c]	6.33	161912[c]	8.67	297522[c]	11.12	390378[c]	16.05	562855[c]	18.56
ZZZZZZ	113775[c]	5.09	386184[c]	6.32	227841[c]	8.67	413639[c]	11.12	522842[c]	16.05	677184[c]	18.56
ZZZZZZ	129833[c]	5.09	435354[c]	6.32	257878[c]	8.67	468081[c]	11.12	566333[c]	16.05	721930[c]	18.56
ZZZZZZ	92862[c]	5.09	315562[c]	6.32	182236[c]	8.67	347289[c]	11.12	431737[c]	16.05	538315[c]	18.56
ZZZZZZ	114940[c]	5.09	390983[c]	6.33	232715[c]	8.67	431323[c]	11.12	528026[c]	16.05	678809[c]	18.56
OP25011-MB	9335	5.09	34366	6.33	20486	8.67	36751	11.12	43340	16.05	46296	18.56
OP25011-BS	12503	5.09	43381	6.32	25646	8.67	46575	11.12	54271	16.05	60177	18.56
OP25011-BSD	11951	5.09	40895	6.33	24500	8.67	44026	11.12	51352	16.05	54353	18.56
OP25011-MS	13605	5.09	45639	6.32	27114	8.67	49557	11.12	55895	16.05	69411	18.56
OP25011-MSD	10569	5.09	35401	6.32	21121	8.67	37977	11.12	45780	16.05	54197	18.56
MC333-1	10897	5.09	36437	6.33	20929	8.67	41374	11.12	50957	16.04	61190	18.55
ZZZZZZ	7840*	5.09	26236*	6.32	16150*	8.67	30014*	11.12	37712*	16.04	43114	18.55
ZZZZZZ	11941	5.09	41731	6.33	24518	8.67	40939	11.12	52266	16.04	74418	18.56
MC348-9	13006	5.09	43805	6.32	25643	8.67	47029	11.12	55161	16.04	67583	18.56
MC348-12	9437	5.09	36562	6.32	20912	8.67	37970	11.12	44803	16.05	52700	18.56
MC348-14	9391	5.09	35289	6.32	20836	8.67	36776	11.12	43353	16.04	46412	18.55

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Internal standard spiked at 10x concentration.

Semivolatile Surrogate Recovery Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8270C BY SIM **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC348-9	F53051.D	87.0	68.0	91.0
MC348-12	F53052.D	68.0	58.0	82.0
MC348-14	F53053.D	56.0	53.0	70.0
OP25011-BS	F53044.D	88.0	70.0	88.0
OP25011-BSD	F53045.D	87.0	67.0	82.0
OP25011-MB	F53043.D	81.0	64.0	81.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	30-130%
S2 = 2-Fluorobiphenyl	30-130%
S3 = Terphenyl-d14	30-130%

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24989-MB	BC51404.D	1	05/23/11	SS	05/20/11	OP24989	GBC2475

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC348-1, MC348-9, MC348-12, MC348-13, MC348-14, MC348-15

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	0.080	mg/l	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	82%	50-149%

Method Blank Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25019-MB	BG27691.D	1	05/27/11	KD	05/23/11	OP25019	GBG946

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC348-17

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	0.0489	0.080	mg/l	J

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	95%	50-149%

Blank Spike Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24989-BS	BC51405.D	1	05/23/11	SS	05/20/11	OP24989	GBC2475

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC348-1, MC348-9, MC348-12, MC348-13, MC348-14, MC348-15

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	CT-ETPH (C9-C36)	0.7	0.605	86	60-120

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	86%	50-149%

Blank Spike Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25019-BS	BG27693.D	1	05/27/11	KD	05/23/11	OP25019	GBG946

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC348-17

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	CT-ETPH (C9-C36)	0.7	0.688	98	60-120

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	97%	50-149%

Semivolatile Surrogate Recovery Summary

Job Number: MC348
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: CT-ETPH 7/06 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC348-1	BC51420.D	50.0
MC348-9	BC51412.D	89.0
MC348-12	BC51423.D	62.0
MC348-13	BC51424.D	63.0
MC348-14	BC51413.D	73.0
MC348-15	BC51419.D	71.0
MC348-17	BG27723.D	58.0
OP24989-BS	BC51405.D	86.0
OP24989-MB	BC51404.D	82.0
OP25019-BS	BG27693.D	97.0
OP25019-MB	BG27691.D	95.0

Surrogate Compounds	Recovery Limits
S1 = 1-Chlorooctadecane	50-149%

(a) Recovery from GC signal #1

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17088
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:					05/20/11		05/20/11
Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	19	40				
Antimony	6.0	.97	2				
Arsenic	4.0	.96	1.1	0.70	<4.0	0.60	<4.0
Barium	50	.37	.5				
Beryllium	4.0	.23	.24				
Boron	100	.45	1.8				
Cadmium	4.0	.14	.17	0.0	<4.0	0.0	<4.0
Calcium	5000	11	22				
Chromium	10	.6	.6	0.20	<10	0.20	<10
Cobalt	50	.16	.22				
Copper	25	1.1	2.5	0.40	<25	1.6	<25
Gold	50	1.6	2.9				
Iron	100	6.7	8.5				
Lead	5.0	.94	1.4	0.20	<5.0	0.0	<5.0
Magnesium	5000	55	110				
Manganese	15	.11	.43				
Molybdenum	100	.3	.36				
Nickel	40	.19	.35	0.0	<40	-0.10	<40
Palladium	50	2.9	3.4				
Platinum	50	7.2	15				
Potassium	5000	46	52				
Selenium	10	1.5	1.6	0.30	<10	0.40	<10
Silicon	100	1.4	18				
Silver	5.0	.77	1				
Sodium	5000	19	41				
Strontium	10	.19	.38				
Thallium	5.0	.67	.88				
Tin	100	.39	.47				
Titanium	50	.59	1				
Tungsten	100	8.9	13				
Vanadium	10	.84	1.5	-0.40	<10	-0.20	<10
Zinc	20	.3	.61	2.5	<20	4.7	<20

Associated samples MP17088: MC348-1

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17088
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17088
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			05/20/11					05/20/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	521	500	104.2	80-120	509	500	101.8	2.3	20
Barium									
Beryllium									
Boron									
Cadmium	536	500	107.2	80-120	528	500	105.6	1.5	20
Calcium									
Chromium	524	500	104.8	80-120	511	500	102.2	2.5	20
Cobalt									
Copper	514	500	102.8	80-120	493	500	98.6	4.2	20
Gold									
Iron	anr								
Lead	992	1000	99.2	80-120	975	1000	97.5	1.7	20
Magnesium									
Manganese	anr								
Molybdenum									
Nickel	524	500	104.8	80-120	513	500	102.6	2.1	20
Palladium									
Platinum									
Potassium									
Selenium	522	500	104.4	80-120	513	500	102.6	1.7	20
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium	542	500	108.4	80-120	526	500	105.2	3.0	20
Zinc	526	500	105.2	80-120	519	500	103.8	1.3	20

Associated samples MP17088: MC348-1

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17088
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17088
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/20/11

Metal	MC343-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium				
Beryllium				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	10.7	10.7	0.0	0-10
Cobalt				
Copper	0.00	0.00	NC	0-10
Gold				
Iron	anr			
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese	anr			
Molybdenum				
Nickel	0.00	0.00	NC	0-10
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium	0.00	0.00	NC	0-10
Zinc	14.1	17.2	22.0 (a)	0-10

Associated samples MP17088: MC348-1

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17088
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

8.1.3

8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17098
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:					05/23/11		05/23/11
Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	19	40				
Antimony	6.0	.97	2				
Arsenic	4.0	.96	1.1	-0.90	<4.0	0.10	<4.0
Barium	50	.37	.5				
Beryllium	4.0	.23	.24				
Boron	100	.45	1.8				
Cadmium	4.0	.14	.17	0.10	<4.0	0.20	<4.0
Calcium	5000	11	22				
Chromium	10	.6	.6	-0.30	<10	0.10	<10
Cobalt	50	.16	.22				
Copper	25	1.1	2.5	0.30	<25	0.0	<25
Gold	50	1.6	2.9				
Iron	100	6.7	8.5				
Lead	5.0	.94	1.4	0.70	<5.0	1.0	<5.0
Magnesium	5000	55	110				
Manganese	15	.11	.43				
Molybdenum	100	.3	.36				
Nickel	40	.19	.35	0.10	<40	0.0	<40
Palladium	50	2.9	3.4				
Platinum	50	7.2	15				
Potassium	5000	46	52				
Selenium	10	1.5	1.6	0.60	<10	1.4	<10
Silicon	100	1.4	18				
Silver	5.0	.77	1				
Sodium	5000	19	41				
Strontium	10	.19	.38				
Thallium	5.0	.67	.88				
Tin	100	.39	.47				
Titanium	50	.59	1				
Tungsten	100	8.9	13				
Vanadium	10	.84	1.5	0.30	<10	0.10	<10
Zinc	20	.3	.61	0.70	<20	5.0	<20

Associated samples MP17098: MC348-4, MC348-5, MC348-6, MC348-7, MC348-8, MC348-9, MC348-12, MC348-14, MC348-16, MC348-17

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17098
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17098
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			05/23/11					05/23/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	488	500	97.6	80-120	491	500	98.2	0.6	20
Barium	anr								
Beryllium									
Boron									
Cadmium	568	500	113.6	80-120	566	500	113.2	0.4	20
Calcium									
Chromium	475	500	95.0	80-120	484	500	96.8	1.9	20
Cobalt									
Copper	500	500	100.0	80-120	503	500	100.6	0.6	20
Gold									
Iron									
Lead	978	1000	97.8	80-120	982	1000	98.2	0.4	20
Magnesium									
Manganese									
Molybdenum									
Nickel	496	500	99.2	80-120	497	500	99.4	0.2	20
Palladium									
Platinum									
Potassium									
Selenium	534	500	106.8	80-120	537	500	107.4	0.6	20
Silicon									
Silver	anr								
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium	484	500	96.8	80-120	490	500	98.0	1.2	20
Zinc	554	500	110.8	80-120	554	500	110.8	0.0	20

Associated samples MP17098: MC348-4, MC348-5, MC348-6, MC348-7, MC348-8, MC348-9, MC348-12, MC348-14, MC348-16, MC348-17

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17098
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17098
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/23/11

Metal	MC370-11 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	0.00	0.00	NC	0-10
Barium	anr			
Beryllium				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	76.5	76.7	0.3	0-10
Cobalt				
Copper	1.10	0.00	100.0(a)	0-10
Gold				
Iron				
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	1.30	2.20	69.2 (a)	0-10
Palladium				
Platinum				
Potassium				
Selenium	4.50	0.00	100.0(a)	0-10
Silicon				
Silver	anr			
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Tungsten				
Vanadium	4.80	5.90	22.9 (a)	0-10
Zinc	25.5	26.2	2.7	0-10

Associated samples MP17098: MC348-4, MC348-5, MC348-6, MC348-7, MC348-8, MC348-9, MC348-12, MC348-14, MC348-16, MC348-17

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC348
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17098
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Data Validation Worksheet

Project Name : NRG Middletown, CT

Job Number : 1009634013

Prepared By: Jennifer Gailey

Date : 5/20/2011

Validated By: Kim Napier

Date : 6/8/2011

Analyte Group :

VOC	EPA 8260B
SVOC	EPA 8270C
Extractable Total Petroleum Hydrocarbons	CT ETPH
PCB	EPA 8082
Metals	EPA 6010C
Mercury-Lech	EPA 7470A
Mercury-Soil	EPA 7471A
Wet Chemistry	EPA 2540B

Analytical Method :

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC11

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time :

Method	Extraction	Analysis	Collection Date	Extraction Date	Analysis Date
VOC/8260B	NA	14 Days	5/6/2011		5/7/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/6/2011		5/7/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/6/2011		5/7/2011
PCB/8082	7 days (water) 14 days (soil)	40 days	5/6/2011		5/7/2011
Metals/6010C	NA	6 months	5/6/2011		5/7/2011
Mercury/7470A	NA	28 days	5/6/2011		5/9/2011
Mercury/7471A	NA	28 days	5/6/2011		5/9/2011
Wet Chem/2540B	NA	28 days	5/6/2011		5/6/2011

Sample Collection Date : 5/6/2011

Sample temperature above QC limit: No (2.7°)

Surrogate Recovery

Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? ~~Yes~~ No

If No, List sample ID where range was exceeded: ~~None~~ All detects for all VOC samples were qualified J due to high %R

Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: None

Surrogate Allowable Ranges for GC VOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: None

Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: None

MS/MSD

8260B

Are all MS/MSD sample recoveries within the QC limits ? No

If No, list sample ID and compound where limit was exceeded:

Matrix Spike Recovery(s) for 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, Benzene, Bromobenzene, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, m,p-Xylene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Xylene, p-Chlorotoluene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix Spike Duplicate Recovery(s) for 1,1,2-Trichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, Bromobenzene, Bromodichloromethane, Bromoform, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, Hexachlorobutadiene, m,p-Xylene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, o-Xylene, p-Chlorotoluene, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethene, Acetone, Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Results for compounds noted above were qualified J/UJ due to MS/MSD issues. See marked up Form I for spiked parent sample qualification.

6010C

Matrix Spike Recovery(s) for Antimony, Vanadium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.

Matrix Spike Recovery(s) for Zinc are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

Results for compounds noted above were qualified J/UJ for spiked parent sample

Equipment Field Blank ID : NA
Trip Blank ID : NA
Method Blank: 8260B (5/7/2011) 8270C (5/7/2011) ETPH (5/7/2011) 8082 (5/7/2011) 6010 (5/6/2011) 7471A (5/7/2011) 7470A (5/7/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? No

If so, list Sample ID/Compound/Concentration/Units:

Sample Analysis Notes by Method:

8260B

RPD(s) for MSD for Acetone, Acrylonitrile, Naphthalene are outside control limits for sample MC11-1MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
These and other VOA compounds were qualified UJ for MS/MSD issues; see marked up form I for parent sample qualification

MC11-1through MC11-4, MS, MSD for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
All detects for all VOC samples were qualified J due to high %R

Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, toluene-d8, trans-1,4-dichloro-2-butene, 2,2 -dichloropropane, naphthalene, 1,2,3-trichlorobenzene.
No qualification necessary

Low internal standard area counts were experienced for all VOA samples for IS4. Compounds associated with IS4 were qualified UJ for all samples

6010C

RPD(s) for Duplicate for Beryllium, Silver are outside control limits for sample MP17011-D1. RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary
RPD(s) for Serial Dilution for Arsenic, Beryllium, Chromium, Copper, Silver are outside control limits for sample MP17011-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
RPD(s) for Duplicate for Arsenic, Cadmium, Lead, Zinc are outside control limits for sample MP17005-D1. High RPD due to possible matrix interference and/or sample non-homogeneity.
Results for compounds noted above were qualified J/UJ for spiked parent sample
RPD(s) for Serial Dilution for Antimony, Beryllium, Selenium, Silver, Thallium are outside control limits for sample MP17005-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
MP17005-D1 for Antimony, Selenium: RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary

Sample ID correction

Reviewed By:

Validation performed in accordance with the logic identified in the NFG's

Data Validation Worksheet

Project Name : NRG Middletown, CT

Job Number : 1009634013

Prepared By: Jennifer Gailey
Validated By: Kim Napier

Date : 5/20/2011
Date : 6/8/2011

Analyte Group :
VOC
SVOC
Extractable Total Petroleum Hydrocarbons
PCB
Metals
Mercury-Lech
Mercury-Soil
Wet Chemistry

Analytical Method :
EPA 8260B
EPA 8270C
CT ETPH
EPA 8082
EPA 6010C
EPA 7470A
EPA 7471A
EPA 2540B

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC11

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time :

Method	Extraction	Analysis	Collection Date	Extraction Date	Analysis Date
VOC/8260B	NA	14 Days	5/6/2011		5/7/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/6/2011		5/7/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/6/2011		5/7/2011
PCB/8082	7 days (water) 14 days (soil)	40 days	5/6/2011		5/7/2011
Metals/6010C	NA	6 months	5/6/2011		5/7/2011
Mercury/7470A	NA	28 days	5/6/2011		5/9/2011
Mercury/7471A	NA	28 days	5/6/2011		5/9/2011
Wet Chem/2540B	NA	28 days	5/6/2011		5/6/2011

Sample Collection Date : 5/6/2011

Sample temperature above QC limit: No (2.7°)

Surrogate Recovery
Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? ~~Yes~~ No

If No, List sample ID where range was exceeded: ~~None~~ All detects for all VOC samples were qualified J due to high %R

Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: None

Surrogate Allowable Ranges for GC VOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: None

Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: None

MS/MSD
8260B
Are all MS/MSD sample recoveries within the QC limits ? No
If No, list sample ID and compound where limit was exceeded:

Matrix Spike Recovery(s) for 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, Benzene, Bromobenzene, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, m,p-Xylene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Xylene, p-Chlorotoluene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix Spike Duplicate Recovery(s) for 1,1,2-Trichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,3-Dichlorobenzene,

1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, Bromobenzene, Bromodichloromethane, Bromoform, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, Hexachlorobutadiene, m,p-Xylene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, o-Xylene, p-Chlorotoluene, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethene, Acetone, Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Results for compounds noted above were qualified J/UJ due to MS/MSD issues. See marked up Form I for spiked parent sample qualification.

6010C
Matrix Spike Recovery(s) for Antimony, Vanadium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.

Matrix Spike Recovery(s) for Zinc are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

Results for compounds noted above were qualified J/UJ for spiked parent sample

Equipment Field Blank ID : NA
Trip Blank ID : NA
Method Blank: 8260B (5/7/2011) 8270C (5/7/2011) ETPH (5/7/2011) 8082 (5/7/2011) 6010 (5/6/2011) 7471A (5/7/2011) 7470A (5/7/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? No

If so, list Sample ID/Compound/Concentration/Units:

Sample Analysis Notes by Method:

8260B

RPD(s) for MSD for Acetone, Acrylonitrile, Naphthalene are outside control limits for sample MC11-1MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
These and other VOA compounds were qualified UJ for MS/MSD issues; see marked up form I for parent sample qualification

MC11-1through MC11-4, MS, MSD for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
All detects for all VOC samples were qualified J due to high %R

Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, toluene-d8, trans-1,4-dichloro-2-butene, 2,2 -dichloropropane, naphthalene, 1,2,3-trichlorobenzene.
No qualification necessary

Low internal standard area counts were experienced for all VOA samples for IS4. Compounds associated with IS4 were qualified UJ for all samples

6010C

RPD(s) for Duplicate for Beryllium, Silver are outside control limits for sample MP17011-D1. RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary
RPD(s) for Serial Dilution for Arsenic, Beryllium, Chromium, Copper, Silver are outside control limits for sample MP17011-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
RPD(s) for Duplicate for Arsenic, Cadmium, Lead, Zinc are outside control limits for sample MP17005-D1. High RPD due to possible matrix interference and/or sample non-homogeneity.
Results for compounds noted above were qualified J/UJ for spiked parent sample
RPD(s) for Serial Dilution for Antimony, Beryllium, Selenium, Silver, Thallium are outside control limits for sample MP17005-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
MP17005-D1 for Antimony, Selenium: RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary

Sample ID correction

Reviewed By:

Validation performed in accordance with the logic identified in the NFG's

Report of Analysis

3.1
35

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52909.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52913.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	6.42 g	5.0 ml
Run #2	6.71 g	5.0 ml

VOA RCP List

IS4
* Internal Standard Assoc. Compound

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	63.0 J	4.5	ug/kg	
107-13-1	Acrylonitrile	ND UJ	4.5	ug/kg	
71-43-2	Benzene	3.5 J	0.45	ug/kg	
108-86-1	Bromobenzene	ND UJ	4.5	ug/kg	*
75-27-4	Bromodichloromethane	ND	1.8	ug/kg	
75-25-2	Bromoform	ND	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	ug/kg	
104-51-8	n-Butylbenzene	ND UJ	4.5	ug/kg	*
135-98-8	sec-Butylbenzene	ND UJ	4.5	ug/kg	*
98-06-6	tert-Butylbenzene	ND UJ	4.5	ug/kg	*
75-15-0	Carbon disulfide	ND UJ	4.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	ug/kg	
108-90-7	Chlorobenzene	ND UJ	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.5	ug/kg	
67-66-3	Chloroform	ND	1.8	ug/kg	
74-87-3	Chloromethane	ND	4.5	ug/kg	
95-49-8	o-Chlorotoluene	ND UJ	4.5	ug/kg	*
106-43-4	p-Chlorotoluene	ND	4.5	ug/kg	*
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.5	ug/kg	*
124-48-1	Dibromochloromethane	ND	1.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.8	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.8	ug/kg	*
541-73-1	1,3-Dichlorobenzene	ND	1.8	ug/kg	*
106-46-7	1,4-Dichlorobenzene	ND	1.8	ug/kg	*
75-71-8	Dichlorodifluoromethane	ND	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND UJ	1.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1.9 J	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND UJ	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND UJ	4.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	1.8	ug/kg	
76-13-1	Freon 113	ND	4.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND UJ	4.5	ug/kg	*
591-78-6	2-Hexanone	ND UJ	4.5	ug/kg	
98-82-8	Isopropylbenzene	ND UJ	4.5	ug/kg	*
99-87-6	p-Isopropyltoluene	ND UJ	4.5	ug/kg	*
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	ug/kg	
74-95-3	Methylene bromide	ND UJ	4.5	ug/kg	
75-09-2	Methylene chloride	ND	1.8	ug/kg	
91-20-3	Naphthalene	ND UJ	4.5	ug/kg	*
103-65-1	n-Propylbenzene	ND	4.5	ug/kg	*
100-42-5	Styrene	ND	4.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	1.8	ug/kg	*
127-18-4	Tetrachloroethene	ND UJ	1.8	ug/kg	
109-99-9	Tetrahydrofuran	ND	9.1	ug/kg	
108-88-3	Toluene	ND	4.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	4.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	ug/kg	*
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	ug/kg	*
71-55-6	1,1,1-Trichloroethane	ND	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND UJ	1.8	ug/kg	
79-01-6	Trichloroethene	ND UJ	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND UJ	4.5	ug/kg	*
95-63-6	1,2,4-Trimethylbenzene	ND UJ	4.5	ug/kg	*
108-67-8	1,3,5-Trimethylbenzene	ND UJ	4.5	ug/kg	*
75-01-4	Vinyl chloride	ND	1.8	ug/kg	
	m,p-Xylene	ND UJ	1.8	ug/kg	
95-47-6	o-Xylene	ND UJ	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%	134% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.3

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52910.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52914.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	6.94 g	5.0 ml
Run #2	6.71 g	5.0 ml

VOA RCP List

*IS4 Assoc. Compounds

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	24.4 J	4.1	ug/kg	
107-13-1	Acrylonitrile	ND	4.1	ug/kg	
71-43-2	Benzene	3.7 J	0.41	ug/kg	
108-86-1	Bromobenzene	ND UJ	4.1	ug/kg	*
75-27-4	Bromodichloromethane	ND	1.6	ug/kg	
75-25-2	Bromoform	ND	1.6	ug/kg	
74-83-9	Bromomethane	ND	1.6	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	ug/kg	
104-51-8	n-Butylbenzene	ND UJ	4.1	ug/kg	*
135-98-8	sec-Butylbenzene	ND UJ	4.1	ug/kg	*
98-06-6	tert-Butylbenzene	ND UJ	4.1	ug/kg	*
75-15-0	Carbon disulfide	4.6 J	4.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	ug/kg	
75-00-3	Chloroethane	ND	4.1	ug/kg	
67-66-3	Chloroform	ND	1.6	ug/kg	
74-87-3	Chloromethane	ND	4.1	ug/kg	
95-49-8	o-Chlorotoluene	ND UJ	4.1	ug/kg	*
106-43-4	p-Chlorotoluene	ND UJ	4.1	ug/kg	*
96-12-8	1,2-Dibromo-3-chloropropane	ND UJ	4.1	ug/kg	*
124-48-1	Dibromochloromethane	ND	1.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.6	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND UJ	1.6	ug/kg	*
541-73-1	1,3-Dichlorobenzene	ND UJ	1.6	ug/kg	*
106-46-7	1,4-Dichlorobenzene	ND UJ	1.6	ug/kg	*
75-71-8	Dichlorodifluoromethane	ND	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	ug/kg	
156-59-2	cis-1,2-Dichloroethene	3.7 J	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	4.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	ug/kg	
76-13-1	Freon 113	ND	4.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND UJ	4.1	ug/kg	*
591-78-6	2-Hexanone	ND	4.1	ug/kg	
98-82-8	Isopropylbenzene	ND UJ	4.1	ug/kg	*
99-87-6	p-Isopropyltoluene	ND UJ	4.1	ug/kg	*
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	ug/kg	
74-95-3	Methylene bromide	ND	4.1	ug/kg	
75-09-2	Methylene chloride	ND	1.6	ug/kg	
91-20-3	Naphthalene	ND UJ	4.1	ug/kg	*
103-65-1	n-Propylbenzene	ND UJ	4.1	ug/kg	*
100-42-5	Styrene	ND	4.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	1.6	ug/kg	*
127-18-4	Tetrachloroethene	ND	1.6	ug/kg	
109-99-9	Tetrahydrofuran	ND	8.2	ug/kg	
108-88-3	Toluene	ND	4.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	4.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND UJ	4.1	ug/kg	*
120-82-1	1,2,4-Trichlorobenzene	ND UJ	4.1	ug/kg	*
71-55-6	1,1,1-Trichloroethane	ND	1.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	ug/kg	
79-01-6	Trichloroethene	ND	1.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND UJ	4.1	ug/kg	*
95-63-6	1,2,4-Trimethylbenzene	ND UJ	4.1	ug/kg	*
108-67-8	1,3,5-Trimethylbenzene	ND UJ	4.1	ug/kg	*
75-01-4	Vinyl chloride	ND	1.6	ug/kg	
	m,p-Xylene	ND	1.6	ug/kg	
95-47-6	o-Xylene	ND	1.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	123%	122%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.5 (3)

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52911.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52915.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	6.42 g	5.0 ml
Run #2	7.35 g	5.0 ml

VOA RCP List

* ISY Assoc. Compounds

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	18.6 J	4.4	ug/kg	
107-13-1	Acrylonitrile	ND	4.4	ug/kg	
71-43-2	Benzene	2.1 J	0.44	ug/kg	
108-86-1	Bromobenzene	ND UJ	4.4	ug/kg	*
75-27-4	Bromodichloromethane	ND	1.8	ug/kg	
75-25-2	Bromoform	ND	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.4	ug/kg	
104-51-8	n-Butylbenzene	ND UJ	4.4	ug/kg	*
135-98-8	sec-Butylbenzene	ND UJ	4.4	ug/kg	*
98-06-6	tert-Butylbenzene	ND UJ	4.4	ug/kg	*
75-15-0	Carbon disulfide	ND	4.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.4	ug/kg	
67-66-3	Chloroform	ND	1.8	ug/kg	
74-87-3	Chloromethane	ND	4.4	ug/kg	
95-49-8	o-Chlorotoluene	ND UJ	4.4	ug/kg	*
106-43-4	p-Chlorotoluene	ND UJ	4.4	ug/kg	*
96-12-8	1,2-Dibromo-3-chloropropane	ND UJ	4.4	ug/kg	*
124-48-1	Dibromochloromethane	ND	1.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.8	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND UJ	1.8	ug/kg	*
541-73-1	1,3-Dichlorobenzene	ND UJ	1.8	ug/kg	*
106-46-7	1,4-Dichlorobenzene	ND UJ	1.8	ug/kg	*
75-71-8	Dichlorodifluoromethane	ND	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	4.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	1.8	ug/kg	
76-13-1	Freon 113	ND	4.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND UJ	4.4	ug/kg	*
591-78-6	2-Hexanone	ND	4.4	ug/kg	
98-82-8	Isopropylbenzene	ND UJ	4.4	ug/kg	*
99-87-6	p-Isopropyltoluene	ND UJ	4.4	ug/kg	*
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.4	ug/kg	
74-95-3	Methylene bromide	ND	4.4	ug/kg	
75-09-2	Methylene chloride	ND	1.8	ug/kg	
91-20-3	Naphthalene	ND UJ	4.4	ug/kg	*
103-65-1	n-Propylbenzene	ND UJ	4.4	ug/kg	*
100-42-5	Styrene	ND	4.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	1.8	ug/kg	*
127-18-4	Tetrachloroethene	ND	1.8	ug/kg	
109-99-9	Tetrahydrofuran	ND	8.8	ug/kg	
108-88-3	Toluene	ND	4.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	4.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND UJ	4.4	ug/kg	*
120-82-1	1,2,4-Trichlorobenzene	ND UJ	4.4	ug/kg	*
71-55-6	1,1,1-Trichloroethane	ND	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	ug/kg	
79-01-6	Trichloroethene	ND	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND UJ	4.4	ug/kg	*
95-63-6	1,2,4-Trimethylbenzene	ND UJ	4.4	ug/kg	*
108-67-8	1,3,5-Trimethylbenzene	ND UJ	4.4	ug/kg	*
75-01-4	Vinyl chloride	ND	1.8	ug/kg	
	m,p-Xylene	ND	1.8	ug/kg	
95-47-6	o-Xylene	ND	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	127%	128%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.7

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52912.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52916.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	7.18 g	5.0 ml
Run #2	7.52 g	5.0 ml

VOA RCP List

* 1S4 Assoc. Compounds

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	4.4 J	3.7	ug/kg	
107-13-1	Acrylonitrile	ND	3.7	ug/kg	
71-43-2	Benzene	0.61 J	0.37	ug/kg	
108-86-1	Bromobenzene	ND UJ	3.7	ug/kg	*
75-27-4	Bromodichloromethane	ND	1.5	ug/kg	
75-25-2	Bromoform	ND	1.5	ug/kg	
74-83-9	Bromomethane	ND	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND UJ	3.7	ug/kg	*
135-98-8	sec-Butylbenzene	ND UJ	3.7	ug/kg	*
98-06-6	tert-Butylbenzene	ND UJ	3.7	ug/kg	*
75-15-0	Carbon disulfide	14.9 J	3.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.7	ug/kg	
67-66-3	Chloroform	ND	1.5	ug/kg	
74-87-3	Chloromethane	ND	3.7	ug/kg	
95-49-8	o-Chlorotoluene	ND UJ	3.7	ug/kg	*
106-43-4	p-Chlorotoluene	ND UJ	3.7	ug/kg	*
96-12-8	1,2-Dibromo-3-chloropropane	ND UJ	3.7	ug/kg	*
124-48-1	Dibromochloromethane	ND	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND UJ	1.5	ug/kg	*
541-73-1	1,3-Dichlorobenzene	ND UJ	1.5	ug/kg	*
106-46-7	1,4-Dichlorobenzene	ND UJ	1.5	ug/kg	*
75-71-8	Dichlorodifluoromethane	ND	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
Method:	SW846 8260B	Percent Solids:	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	ug/kg	
76-13-1	Freon 113	ND	3.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND UJ	3.7	ug/kg	*
591-78-6	2-Hexanone	ND	3.7	ug/kg	
98-82-8	Isopropylbenzene	ND UJ	3.7	ug/kg	*
99-87-6	p-Isopropyltoluene	ND UJ	3.7	ug/kg	*
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	ug/kg	
74-95-3	Methylene bromide	ND	3.7	ug/kg	
75-09-2	Methylene chloride	ND	1.5	ug/kg	
91-20-3	Naphthalene	ND UJ	3.7	ug/kg	*
103-65-1	n-Propylbenzene	ND UJ	3.7	ug/kg	*
100-42-5	Styrene	ND	3.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND UJ	1.5	ug/kg	*
127-18-4	Tetrachloroethene	ND	1.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	7.4	ug/kg	
108-88-3	Toluene	ND	3.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	3.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND UJ	3.7	ug/kg	*
120-82-1	1,2,4-Trichlorobenzene	ND UJ	3.7	ug/kg	*
71-55-6	1,1,1-Trichloroethane	ND	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ug/kg	
79-01-6	Trichloroethene	ND	1.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND UJ	3.7	ug/kg	*
95-63-6	1,2,4-Trimethylbenzene	ND UJ	3.7	ug/kg	*
108-67-8	1,3,5-Trimethylbenzene	ND UJ	3.7	ug/kg	*
75-01-4	Vinyl chloride	ND	1.5	ug/kg	
	m,p-Xylene	ND	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	122%	123%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

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Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	Date Sampled:	05/06/11
Matrix:	SO - Soil	Date Received:	05/06/11
		Percent Solids:	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	<0.82 UJ	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Arsenic	6.3 J	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.39	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.53 J	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Chromium	11.0	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Copper	18.9	2.1	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Lead	17.9 J	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Mercury	<0.034	0.034	mg/kg	1	05/07/11	05/09/11	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	16.7	3.3	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Selenium	<0.82 UJ	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Silver	<0.41	0.41	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Thallium	<0.82	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Vanadium	86.8	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Zinc	289 J	1.6	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA12939
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17005
(4) Prep QC Batch: MP17006

RL = Reporting Limit

Volatile Internal Standard Area Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSP1753-CC1750	Injection Date:	05/07/11
Lab File ID:	P52905.D	Injection Time:	07:50
Instrument ID:	GCMSP	Method:	SW846 8260B

5.4.1

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	90614	8.51	136700	9.36	67889	12.58	61597	15.13	26379	6.21
Upper Limit [a]	181228	9.01	273400	9.86	135778	13.08	123194	15.63	52758	6.71
Lower Limit [b]	45307	8.01	68350	8.86	33945	12.08	30799	14.63	13190	5.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP1753-BS	89093	8.50	133702	9.36	67536	12.58	60306	15.13	29815	6.20
MSP1753-MB	75466	8.51	110383	9.37	49717	12.58	37432	15.14	26021	6.23
MC11-1	66259	8.51	95028	9.36	34485	12.58	18751[c]	15.14	34166	6.26
MC11-2	70418	8.51	103671	9.37	40174	12.58	22906[c]	15.14	40830	6.23
MC11-3	67671	8.51	96734	9.37	37485	12.58	20892[c]	15.14	31339	6.23
MC11-4	71064	8.51	103013	9.37	42616	12.58	26020[c]	15.14	35443	6.23
MC11-1 [d]	62146	8.51	91631	9.37	33778[c]	12.58	18310[c]	15.14	33785	6.24
MC11-2 [d]	67900	8.51	100645	9.37	38368	12.58	20437[c]	15.14	37934	6.24
MC11-3 [d]	64997	8.51	92181	9.37	33724[c]	12.58	16722[c]	15.14	36493	6.22
MC11-4 [d]	66238	8.51	94006	9.37	36331	12.58	20582[c]	15.14	37900	6.23
ZZZZZZ	77095	8.51	115337	9.37	53471	12.58	40266	15.14	36448	6.23
ZZZZZZ	74895	8.51	112398	9.37	49967	12.58	39663	15.14	33074	6.22
ZZZZZZ	67555	8.51	97721	9.37	42040	12.58	28777[c]	15.14	16688	6.28
ZZZZZZ	64500	8.52	94379	9.37	40756	12.58	26530[c]	15.14	15564	6.27
ZZZZZZ	4976[c]	8.52	7101[c]	9.37	3247[c]	12.59	1922[c]	15.15	0[c]	0.00*
ZZZZZZ	63691	8.51	93379	9.37	43014	12.58	28819[c]	15.14	18255	6.24
ZZZZZZ	2378[c]	8.52	3433[c]	9.38	1305[c]	12.59	376[c]	15.15	0[c]	0.00*
ZZZZZZ	1943[c]	8.53	2526[c]	9.38	720[c]	12.60	182[c]	15.15	0[c]	0.00*
ZZZZZZ	61664	8.51	91068	9.37	40340	12.58	26810[c]	15.14	16779	6.25
ZZZZZZ	64167	8.51	94195	9.37	42325	12.58	28846[c]	15.14	16765	6.24
ZZZZZZ	64984	8.52	95372	9.37	43831	12.58	31360	15.14	14041	6.25
ZZZZZZ	65106	8.51	96423	9.37	43650	12.58	31348	15.14	14606	6.25
MC11-1MS	72649	8.51	110814	9.37	46230	12.58	27785[c]	15.14	34029	6.20
MC11-1MSD	70256	8.51	107391	9.36	44889	12.58	25337[c]	15.14	39587	6.21

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.
(d) Confirmation run.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\L35158.D Vial: 4
Acq On : 27 Aug 2009 11:45 am Operator: amym
Sample : cc1140-100 Inst : MAMSL
Misc : ms18931,msl1148,s,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 17:55:01 2009 Quant Results File: L081409S.RES

Quant Method : C:\MSDCHEM\1\METHODS\L081409S.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 18 15:29:15 2009
Response via : Initial Calibration
DataAcq Meth : L8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) tert butyl alcohol-d9	5.83	65	30553	500.00 ug/L	0.00
4) pentafluorobenzene	8.22	168	106452	50.00 ug/L	0.00
43) 1,4-difluorobenzene	9.05	114	187244	50.00 ug/L	0.00
66) chlorobenzene-d5	12.29	82	108060	50.00 ug/L	0.00
80) 1,4-dichlorobenzene-d4	14.85	152	70363	50.00 ug/L	0.00

System Monitoring Compounds

40) dibromofluoromethane (s)	7.83	113	54309	54.27 ug/L	0.00
Spiked Amount 50.000	Range 85 - 129		Recovery = 108.54%		
60) toluene-d8 (s)	10.84	98	240003	51.12 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.24%		
82) bromofluorobenzene (s)	13.52	95	82862	47.75 ug/L	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.50%		

Target Compounds

					Qvalue
2) tertiary butyl alcohol	5.91	59	83544	1054.66 ug/L	96
3) Ethanol	4.78	45	82187	18430.56 ug/L	86
5) dichlorodifluoromethane	3.72	85	115649	70.69 ug/L	98
6) chloromethane	3.94	50	177117	109.80 ug/L	91
7) vinyl chloride	4.16	62	172162	113.62 ug/L	90
8) bromomethane	4.61	96	110752	109.38 ug/L	98
9) chloroethane	4.76	64	96713	115.42 ug/L	98
10) ethyl ether	5.59	59	96145	113.52 ug/L	99
11) acetonitrile	5.26	41	3246	Below Cal	78
12) trichlorofluoromethane	5.36	101	259558	97.40 ug/L	98
13) freon-113	6.10	101	161635	100.26 ug/L	89
14) acrolein	5.33	56	111699	619.47 ug/L	80
15) 1,1-dichloroethene	5.91	96	162763	101.55 ug/L	82
16) acetone	5.46	43	51150	141.75 ug/L	96
17) Methyl Acetate	6.07	43	130400	127.72 ug/L #	89
18) methylene chloride	6.05	84	160198	103.23 ug/L #	76
19) methyl tert butyl ether	6.82	73	284962	106.21 ug/L	99
20) acrylonitrile	5.94	53	171265	660.44 ug/L	96
21) allyl chloride	6.14	41	199961	99.18 ug/L	87
22) trans-1,2-dichloroethene	6.71	96	179467	103.01 ug/L #	66
23) iodomethane	5.95	142	139330	125.03 ug/L	93
24) carbon disulfide	6.30	76	603561	99.11 ug/L	97
25) propionitrile	6.95	54	12792	145.87 ug/L	100
26) vinyl acetate	7.05	43	150442	120.84 ug/L	91
27) chloroprene	7.32	53	276631	101.67 ug/L	63
28) di-isopropyl ether	7.38	45	472665	109.07 ug/L	94
29) methacrylonitrile	7.46	41	53972	128.54 ug/L	91
30) 2-butanone	7.36	72	16256	132.13 ug/L #	50
31) Hexane	7.37	41	266321	103.11 ug/L #	64
32) 1,1-dichloroethane	6.97	63	321740	103.76 ug/L	97
33) tert-butyl ethyl ether	7.77	59	370142	105.63 ug/L	95
34) isobutyl alcohol	7.78	43	56397	581.73 ug/L #	76
35) 2,2-dichloropropane	7.81	77	222076	103.42 ug/L	95
36) cis-1,2-dichloroethene	7.54	96	170417	105.40 ug/L	87
37) ethyl acetate	7.78	43	57899	120.07 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\L35158.D Vial: 4
Acq On : 27 Aug 2009 11:45 am Operator: amym
Sample : cc1140-100 Inst : MAMSL
Misc : ms18931,msl1148,s,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 17:55:01 2009 Quant Results File: L081409S.RES

Quant Method : C:\MSDCHEM\1\METHODS\L081409S.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 18 15:29:15 2009
Response via : Initial Calibration
DataAcq Meth : L8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
38)	bromochloromethane	7.68	128	44987	108.89 ug/L	#	81
39)	chloroform	7.72	83	274116	104.26 ug/L		92
41)	Tetrahydrofuran	8.05	42	24615	130.80 ug/L		67
42)	1,1,1-trichloroethane	8.47	97	231188	105.22 ug/L		88
44)	Cyclohexane	8.76	56	331737	98.71 ug/L	#	82
45)	carbon tetrachloride	8.82	117	171535	100.00 ug/L		87
46)	1,1-dichloropropene	8.65	75	254762	98.87 ug/L		97
47)	benzene	8.84	78	664103	100.61 ug/L		100
48)	1,2-dichloroethane	8.36	62	159226	104.28 ug/L		95
49)	tert-amyl methyl ether	9.00	73	292638	97.89 ug/L		83
50)	heptane	9.37	43	292885	104.08 ug/L		65
51)	trichloroethene	9.48	95	177655	100.94 ug/L		79
52)	1,2-dichloropropane	9.44	63	169593	105.75 ug/L		100
53)	dibromomethane	9.41	93	68086	115.98 ug/L		89
54)	bromodichloromethane	9.52	83	181001	119.80 ug/L		93
55)	Methylcyclohexane	10.01	83	315519	101.20 ug/L	#	81
56)	2-chloroethyl vinyl ether	10.01	63	2552	94.95 ug/L	#	100
57)	methyl methacrylate	9.63	69	62008	106.23 ug/L	#	45
58)	1,4-dioxane	9.61	88	4209	1025.12 ug/L		80
59)	cis-1,3-dichloropropene	10.15	75	220918	101.12 ug/L		91
61)	4-methyl-2-pentanone	10.25	43	83439	121.93 ug/L		77
62)	toluene	10.91	92	402185	101.06 ug/L		97
63)	trans-1,3-dichloropropene	10.57	75	159786	99.74 ug/L		89
64)	1,1,2-trichloroethane	10.73	83	86744	112.90 ug/L		87
65)	ethyl methacrylate	10.95	69	116428	104.93 ug/L	#	1
67)	tetrachloroethene	11.66	166	147592	95.15 ug/L		87
68)	1,3-dichloropropane	10.97	76	175137	102.96 ug/L		94
69)	dibromochloromethane	11.24	129	91025	106.98 ug/L		94
70)	1,2-dibromoethane	11.49	107	91458	110.08 ug/L		93
71)	2-hexanone	11.11	43	69274	109.88 ug/L		100
72)	chlorobenzene	12.33	112	377496	97.10 ug/L		89
73)	1,1,1,2-tetrachloroethane	12.26	131	99873	96.48 ug/L		95
74)	ethylbenzene	12.51	91	770696	97.33 ug/L		97
75)	m,p-xylene	12.69	106	558738	196.60 ug/L		99
76)	o-xylene	13.10	106	261651	99.43 ug/L		94
77)	styrene	13.03	104	401972	103.78 ug/L		95
78)	bromoform	12.84	173	49775	113.93 ug/L		87
79)	trans-1,4-dichloro-2-buten	13.27	53	27615	101.73 ug/L	#	31
80 81)	isopropylbenzene	13.47	105	631112	97.63 ug/L		98
83)	bromobenzene	13.74	156	135829	100.49 ug/L		85
84)	1,1,2,2-tetrachloroethane	13.12	83	121290	113.62 ug/L		93
85)	1,2,3-trichloropropane	13.26	75	123861	114.40 ug/L		96
86)	n-propylbenzene	13.92	91	946200	99.72 ug/L		96
87)	2-chlorotoluene	14.03	91	520289	97.27 ug/L		94
88)	4-chlorotoluene	14.11	91	517811	98.55 ug/L		90
89)	1,3,5-trimethylbenzene	14.19	105	583101	98.34 ug/L		95
90)	tert-butylbenzene	14.49	91	369873	94.75 ug/L		92
91)	1,2,4-trimethylbenzene	14.60	105	575821	100.04 ug/L		99
92)	sec-butylbenzene	14.72	105	836032	98.34 ug/L		97

IS4 assoc. compounds

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\L35158.D Vial: 4
Acq On : 27 Aug 2009 11:45 am Operator: amym
Sample : cc1140-100 Inst : MAMSL
Misc : ms18931,msl1148,s,,,,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 27 17:55:01 2009 Quant Results File: L081409S.RES

Quant Method : C:\MSDCHEM\1\METHODS\L081409S.M (RTE Integrator)
Title : SW-846 Method 8260
Last Update : Tue Aug 18 15:29:15 2009
Response via : Initial Calibration
DataAcq Meth : L8260

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
93) 1,3-dichlorobenzene	14.82	146	265820	101.24 ug/L	97
94) p-isopropyltoluene	14.89	119	582353	97.58 ug/L	95
95) 1,4-dichlorobenzene	14.88	146	266663	100.01 ug/L	86
96) 1,2-dichlorobenzene	15.26	146	230184	102.34 ug/L	96
97) n-butylbenzene	15.32	91	728345	102.94 ug/L	79
98) 1,2-dibromo-3-chloropropan	15.73	75	17656	109.33 ug/L #	47
99) 1,2,4-trichlorobenzene	17.08	180	163429	102.60 ug/L	94
100) hexachlorobutadiene	17.38	225	103809	87.49 ug/L	99
101) naphthalene	17.32	128	273171	90.75 ug/L	100
102) 1,2,3-trichlorobenzene	17.54	180	131854	96.37 ug/L	96

IS 4 Assoc. Compounds

(#) = qualifier out of range (m) = manual integration (+) = signals summed

New England ACCUTEST LABORATORIES

05/09/11

Technical Report for

Shaw Environmental & Infrastructure

NRG Middletown 1866 River Rd. Middletown CT

1009634010

Accutest Job Number: MC11

Sampling Date: 05/06/11

Report to:

Shaw Environmental & Infrastructure

Raymond.Cadorette@shawgrp.com

ATTN: Raymond Cadorette

Total number of pages in report: **99**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Sample Summary

Shaw Environmental & Infrastructure

Job No: MC11

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634010

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC11-1	05/06/11	11:00	BS	05/06/11	SO	Soil	EX-1
MC11-1A	05/06/11	11:00	BS	05/06/11	SO	Soil	EX-1
MC11-2	05/06/11	11:20	BS	05/06/11	SO	Soil	EX-2
MC11-2A	05/06/11	11:20	BS	05/06/11	SO	Soil	EX-2
MC11-3	05/06/11	11:40	BS	05/06/11	SO	Soil	STOCK PILE-1
MC11-3A	05/06/11	11:40	BS	05/06/11	SO	Soil	STOCK PILE-1
MC11-4	05/06/11	12:00	BS	05/06/11	SO	Soil	STOCK PILE-2
MC11-4A	05/06/11	12:00	BS	05/06/11	SO	Soil	STOCK PILE-2

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Shaw Environmental & Infrastructure	**Job No**	MC11
Site:	NRG Middletown 1866 River Rd. Middletown CT	**Report Date**	5/9/2011 2:58:17 PM

4 Sample(s) were collected on 05/06/2011 and were received at Accutest on 05/06/2011 properly preserved, at 2.7 Deg. C and intact. These Samples received an Accutest job number of MC11. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix SO **Batch ID:** MSP1753

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC11-1MS, MC11-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, Benzene, Bromobenzene, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, m,p-Xylene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Xylene, p-Chlorotoluene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 1,1,2-Trichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,2-Dichlorobenzene, 1,2-Dichloroethane, 1,3-Dichlorobenzene, 1,3-Dichloropropane, 1,4-Dichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, Bromobenzene, Bromodichloromethane, Bromoform, Carbon disulfide, Chlorobenzene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, Hexachlorobutadiene, m,p-Xylene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, o-Xylene, p-Chlorotoluene, Styrene, Tetrachloroethene, Tetrahydrofuran, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethene, Acetone, Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for Acetone, Acrylonitrile, Naphthalene are outside control limits for sample MC11-1MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- Sample(s) MC11-1, MC11-1MS, MC11-1MSD, MC11-2, MC11-3, MC11-4 have internal standards outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC11-1 through MC11-4 : Confirmation run.
- MC11-1 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC11-1through MC11-4, MS, MSD for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, toluene-d8, trans-1,4-dichloro-2-butene, 2,2 -dichloropropane, naphthalene, 1,2,3-trichlorobenzene.

Extractables by GCMS By Method SW846 8270C

Matrix SO **Batch ID:** OP24840

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Only PAHs requested.

Extractables by GC By Method CT-ETPH 7/06

Matrix SO	**Batch ID:** OP24838

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8082

Matrix SO	**Batch ID:** OP24839

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix LEACHATE	**Batch ID:** MP17011

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) M99653-1RLS, MC11-1ADUP, MC11-1AMS, MC11-1ASDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Zinc are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Duplicate for Beryllium, Silver are outside control limits for sample MP17011-D1. RPD acceptable due to low duplicate and sample concentrations.
- RPD(s) for Serial Dilution for Arsenic, Beryllium, Chromium, Copper, Silver are outside control limits for sample MP17011-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix SO	**Batch ID:** MP17005

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC11-4DUP, MC11-4MS, MC11-4PS, MC11-4SDL, MC11-4DUP were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Vanadium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- Matrix Spike Recovery(s) for Zinc are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Duplicate for Arsenic, Cadmium, Lead, Zinc are outside control limits for sample MP17005-D1. High RPD due to possible matrix interference and/or sample non-homogeneity.
- RPD(s) for Serial Dilution for Antimony, Beryllium, Selenium, Silver, Thallium are outside control limits for sample MP17005-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP17005-D1 for Antimony, Selenium: RPD acceptable due to low duplicate and sample concentrations.

Metals By Method SW846 7470A

Matrix LEACHATE	**Batch ID:** MP17008

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC11-1ADUP, MC11-1AMS were used as the QC samples for metals.

Metals By Method SW846 7471A

Matrix	SO	**Batch ID:**	MP17006

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix	SO	**Batch ID:**	GN34841

- Sample(s) MC11-1DUP were used as the QC samples for Solids, Percent.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC11).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52909.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52913.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	6.42 g	5.0 ml
Run #2	6.71 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	63.0	4.5	ug/kg	
107-13-1	Acrylonitrile	ND	4.5	ug/kg	
71-43-2	Benzene	3.5	0.45	ug/kg	
108-86-1	Bromobenzene	ND	4.5	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	ug/kg	
75-25-2	Bromoform	ND	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.5	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.5	ug/kg	
67-66-3	Chloroform	ND	1.8	ug/kg	
74-87-3	Chloromethane	ND	4.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.8	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.8	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.8	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1.9	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	4.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	1.8	ug/kg	
76-13-1	Freon 113	ND	4.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.5	ug/kg	
591-78-6	2-Hexanone	ND	4.5	ug/kg	
98-82-8	Isopropylbenzene	ND	4.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	ug/kg	
74-95-3	Methylene bromide	ND	4.5	ug/kg	
75-09-2	Methylene chloride	ND	1.8	ug/kg	
91-20-3	Naphthalene	ND	4.5	ug/kg	
103-65-1	n-Propylbenzene	ND	4.5	ug/kg	
100-42-5	Styrene	ND	4.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	ug/kg	
109-99-9	Tetrahydrofuran	ND	9.1	ug/kg	
108-88-3	Toluene	ND	4.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	4.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	ug/kg	
79-01-6	Trichloroethene	ND	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.5	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	ug/kg	
	m,p-Xylene	ND	1.8	ug/kg	
95-47-6	o-Xylene	ND	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%	134% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	121%	119%	70-130%
460-00-4	4-Bromofluorobenzene	136% [b]	137% [b]	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S23653.D	1	05/07/11	PR	05/06/11	OP24840	MSS1004
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	382	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
206-44-0	Fluoranthene	388	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
91-20-3	Naphthalene	8820	280	ug/kg	
85-01-8	Phenanthrene	736	280	ug/kg	
129-00-0	Pyrene	370	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		30-130%
321-60-8	2-Fluorobiphenyl	62%		30-130%
1718-51-0	Terphenyl-d14	65%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC50957.D	1	05/07/11	SS	05/07/11	OP24838	GBC2458
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	588	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	102%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36332.D	1	05/07/11	CZ	05/06/11	OP24839	GBB2306
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		30-150%
877-09-8	Tetrachloro-m-xylene	122%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%
2051-24-3	Decachlorobiphenyl	64%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	9.1	0.83	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Arsenic	18.2	0.83	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Beryllium	1.0	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Cadmium	3.5	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Chromium	105	0.83	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Copper	876	2.1	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Lead	549	0.83	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.42	0.037	mg/kg	1	05/07/11	05/09/11	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	97.2	3.3	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Selenium	< 0.83	0.83	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Silver	2.6	0.41	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Thallium	< 0.83	0.83	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Vanadium	33.7	0.83	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Zinc	2910	8.3	mg/kg	5	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA12939
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17005
(4) Prep QC Batch: MP17006

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EX-1		
Lab Sample ID:	MC11-1A	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.039			0.0060	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 0.010	D004	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 0.0040			0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Cadmium	0.021	D006	1.0	0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Copper	< 0.025			0.025	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Lead	0.20	D008	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/07/11	05/09/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel	0.22			0.040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 0.010	D010	1.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.0050	D011	5.0	0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 0.0050			0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Vanadium	< 0.010			0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Zinc	8.0			0.10	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12941
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17008
(4) Prep QC Batch: MP17011

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52910.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52914.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	6.94 g	5.0 ml
Run #2	6.71 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	24.4	4.1	ug/kg	
107-13-1	Acrylonitrile	ND	4.1	ug/kg	
71-43-2	Benzene	3.7	0.41	ug/kg	
108-86-1	Bromobenzene	ND	4.1	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	ug/kg	
75-25-2	Bromoform	ND	1.6	ug/kg	
74-83-9	Bromomethane	ND	1.6	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	ug/kg	
75-15-0	Carbon disulfide	4.6	4.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	ug/kg	
75-00-3	Chloroethane	ND	4.1	ug/kg	
67-66-3	Chloroform	ND	1.6	ug/kg	
74-87-3	Chloromethane	ND	4.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.6	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.6	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.6	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	ug/kg	
156-59-2	cis-1,2-Dichloroethene	3.7	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	4.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	ug/kg	
76-13-1	Freon 113	ND	4.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.1	ug/kg	
591-78-6	2-Hexanone	ND	4.1	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	ug/kg	
74-95-3	Methylene bromide	ND	4.1	ug/kg	
75-09-2	Methylene chloride	ND	1.6	ug/kg	
91-20-3	Naphthalene	ND	4.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.1	ug/kg	
100-42-5	Styrene	ND	4.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	ug/kg	
109-99-9	Tetrahydrofuran	ND	8.2	ug/kg	
108-88-3	Toluene	ND	4.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	4.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	ug/kg	
79-01-6	Trichloroethene	ND	1.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.1	ug/kg	
75-01-4	Vinyl chloride	ND	1.6	ug/kg	
	m,p-Xylene	ND	1.6	ug/kg	
95-47-6	o-Xylene	ND	1.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	123%	122%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	117%	112%	70-130%
460-00-4	4-Bromofluorobenzene	136% [b]	139% [b]	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S23654.D	1	05/07/11	PR	05/06/11	OP24840	MSS1004
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	1670	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	1580	280	ug/kg	
56-55-3	Benzo(a)anthracene	2690	280	ug/kg	
50-32-8	Benzo(a)pyrene	2140	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	1820	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1230	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	1870	280	ug/kg	
218-01-9	Chrysene	2510	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	569	280	ug/kg	
206-44-0	Fluoranthene	5990	280	ug/kg	
86-73-7	Fluorene	1140	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1260	280	ug/kg	
91-20-3	Naphthalene	1390	280	ug/kg	
85-01-8	Phenanthrene	5740	280	ug/kg	
129-00-0	Pyrene	5010	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	77%		30-130%
321-60-8	2-Fluorobiphenyl	68%		30-130%
1718-51-0	Terphenyl-d14	75%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC50958.D	1	05/07/11	SS	05/07/11	OP24838	GBC2458
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	358	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	90%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36333.D	1	05/07/11	CZ	05/06/11	OP24839	GBB2306
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		30-150%
877-09-8	Tetrachloro-m-xylene	66%		30-150%
2051-24-3	Decachlorobiphenyl	93%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	5.8	0.81	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Arsenic	13.8	0.81	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.83	0.32	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Cadmium	1.3	0.32	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Chromium	38.5	0.81	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Copper	619	2.0	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Lead	302	0.81	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.28	0.037	mg/kg	1	05/07/11	05/09/11	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	41.3	3.2	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Selenium	1.1	0.81	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Silver	2.0	0.40	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Thallium	< 0.81	0.81	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Vanadium	38.0	0.81	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Zinc	1810	8.1	mg/kg	5	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA12939
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17005
(4) Prep QC Batch: MP17006

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EX-2		
Lab Sample ID:	MC11-2A	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	87.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.049			0.0060	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 0.010	D004	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 0.0040			0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Cadmium	0.0094	D006	1.0	0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Copper	< 0.025			0.025	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Lead	0.17	D008	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/07/11	05/09/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel	0.16			0.040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 0.010	D010	1.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.0050	D011	5.0	0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 0.0050			0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Vanadium	< 0.010			0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Zinc	8.0			0.10	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12941
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17008
(4) Prep QC Batch: MP17011

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52911.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52915.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	6.42 g	5.0 ml
Run #2	7.35 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	18.6	4.4	ug/kg	
107-13-1	Acrylonitrile	ND	4.4	ug/kg	
71-43-2	Benzene	2.1	0.44	ug/kg	
108-86-1	Bromobenzene	ND	4.4	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	ug/kg	
75-25-2	Bromoform	ND	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.4	ug/kg	
104-51-8	n-Butylbenzene	ND	4.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.4	ug/kg	
75-15-0	Carbon disulfide	ND	4.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.4	ug/kg	
67-66-3	Chloroform	ND	1.8	ug/kg	
74-87-3	Chloromethane	ND	4.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.4	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.8	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.8	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.8	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	4.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	1.8	ug/kg	
76-13-1	Freon 113	ND	4.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.4	ug/kg	
591-78-6	2-Hexanone	ND	4.4	ug/kg	
98-82-8	Isopropylbenzene	ND	4.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.4	ug/kg	
74-95-3	Methylene bromide	ND	4.4	ug/kg	
75-09-2	Methylene chloride	ND	1.8	ug/kg	
91-20-3	Naphthalene	ND	4.4	ug/kg	
103-65-1	n-Propylbenzene	ND	4.4	ug/kg	
100-42-5	Styrene	ND	4.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	ug/kg	
109-99-9	Tetrahydrofuran	ND	8.8	ug/kg	
108-88-3	Toluene	ND	4.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	4.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	ug/kg	
79-01-6	Trichloroethene	ND	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.4	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.4	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	ug/kg	
	m,p-Xylene	ND	1.8	ug/kg	
95-47-6	o-Xylene	ND	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	127%	128%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	124%	120%	70-130%
460-00-4	4-Bromofluorobenzene	145% [b]	146% [b]	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S23655.D	1	05/07/11	PR	05/06/11	OP24840	MSS1004
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	346	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	344	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
218-01-9	Chrysene	344	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
206-44-0	Fluoranthene	808	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
91-20-3	Naphthalene	378	280	ug/kg	
85-01-8	Phenanthrene	1100	280	ug/kg	
129-00-0	Pyrene	769	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		30-130%
321-60-8	2-Fluorobiphenyl	68%		30-130%
1718-51-0	Terphenyl-d14	71%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC50959.D	1	05/07/11	SS	05/07/11	OP24838	GBC2458
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	191	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	81%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36334.D	1	05/07/11	CZ	05/06/11	OP24839	GBB2306
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%
2051-24-3	Decachlorobiphenyl	69%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	2.3	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Arsenic	17.9	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.67	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Cadmium	3.1	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Chromium	31.4	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Copper	88.2	2.0	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Lead	149	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.24	0.035	mg/kg	1	05/07/11	05/09/11	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	30.2	3.3	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Selenium	1.0	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Silver	1.2	0.41	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Thallium	< 0.82	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Vanadium	60.6	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Zinc	676	1.6	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA12939
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17005
(4) Prep QC Batch: MP17006

RL = Reporting Limit

Report of Analysis

Client Sample ID:	STOCK PILE-1		
Lab Sample ID:	MC11-3A	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	88.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.018			0.0060	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 0.010	D004	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 0.0040			0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Cadmium	0.015	D006	1.0	0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Copper	0.039			0.025	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Lead	0.27	D008	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/07/11	05/09/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel	0.13			0.040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 0.010	D010	1.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.0050	D011	5.0	0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 0.0050			0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Vanadium	< 0.010			0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Zinc	5.2			0.10	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12941
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17008
(4) Prep QC Batch: MP17011

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P52912.D	1	05/07/11	AMY	n/a	n/a	MSP1753
Run #2 [a]	P52916.D	1	05/07/11	AMY	n/a	n/a	MSP1753

	Initial Weight	Final Volume
Run #1	7.18 g	5.0 ml
Run #2	7.52 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	4.4	3.7	ug/kg	
107-13-1	Acrylonitrile	ND	3.7	ug/kg	
71-43-2	Benzene	0.61	0.37	ug/kg	
108-86-1	Bromobenzene	ND	3.7	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	ug/kg	
75-25-2	Bromoform	ND	1.5	ug/kg	
74-83-9	Bromomethane	ND	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	ug/kg	
75-15-0	Carbon disulfide	14.9	3.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.7	ug/kg	
67-66-3	Chloroform	ND	1.5	ug/kg	
74-87-3	Chloromethane	ND	3.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	ug/kg	
76-13-1	Freon 113	ND	3.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.7	ug/kg	
591-78-6	2-Hexanone	ND	3.7	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	ug/kg	
74-95-3	Methylene bromide	ND	3.7	ug/kg	
75-09-2	Methylene chloride	ND	1.5	ug/kg	
91-20-3	Naphthalene	ND	3.7	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	ug/kg	
100-42-5	Styrene	ND	3.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	7.4	ug/kg	
108-88-3	Toluene	ND	3.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	3.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ug/kg	
79-01-6	Trichloroethene	ND	1.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.7	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	ug/kg	
	m,p-Xylene	ND	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	122%	123%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8260B	**Percent Solids:**	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	118%	116%	70-130%
460-00-4	4-Bromofluorobenzene	131% [b]	132% [b]	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	S23656.D	1	05/07/11	PR	05/06/11	OP24840	MSS1004
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	260	ug/kg	
208-96-8	Acenaphthylene	ND	260	ug/kg	
120-12-7	Anthracene	ND	260	ug/kg	
56-55-3	Benzo(a)anthracene	ND	260	ug/kg	
50-32-8	Benzo(a)pyrene	ND	260	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	260	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	260	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	260	ug/kg	
218-01-9	Chrysene	ND	260	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	260	ug/kg	
206-44-0	Fluoranthene	ND	260	ug/kg	
86-73-7	Fluorene	ND	260	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	260	ug/kg	
91-20-3	Naphthalene	ND	260	ug/kg	
85-01-8	Phenanthrene	ND	260	ug/kg	
129-00-0	Pyrene	ND	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	78%		30-130%
321-60-8	2-Fluorobiphenyl	64%		30-130%
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC50960.D	1	05/07/11	SS	05/07/11	OP24838	GBC2458
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	23.6	17	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	92%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB36335.D	1	05/07/11	CZ	05/06/11	OP24839	GBB2306
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	
37324-23-5	Aroclor 1262	ND	100	ug/kg	
11100-14-4	Aroclor 1268	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		30-150%
877-09-8	Tetrachloro-m-xylene	84%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.82	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Arsenic	6.3	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.39	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.53	0.33	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Chromium	11.0	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Copper	18.9	2.1	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Lead	17.9	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Mercury	< 0.034	0.034	mg/kg	1	05/07/11	05/09/11	MA	SW846 7471A [1]	SW846 7471A [4]
Nickel	16.7	3.3	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Selenium	< 0.82	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Silver	< 0.41	0.41	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Thallium	< 0.82	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Vanadium	86.8	0.82	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]
Zinc	289	1.6	mg/kg	1	05/06/11	05/07/11	PY	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA12939
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17005
(4) Prep QC Batch: MP17006

RL = Reporting Limit

Report of Analysis

Client Sample ID:	STOCK PILE-2		
Lab Sample ID:	MC11-4A	**Date Sampled:**	05/06/11
Matrix:	SO - Soil	**Date Received:**	05/06/11
		Percent Solids:	93.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060			0.0060	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 0.010	D004	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 0.0040			0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.0040	D006	1.0	0.0040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010	D007	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Copper	< 0.025			0.025	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Lead	< 0.010	D008	5.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	05/07/11	05/09/11	MA	SW846 7470A [1]	SW846 7470A [3]
Nickel	0.43			0.040	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 0.010	D010	1.0	0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.0050	D011	5.0	0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 0.0050			0.0050	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Vanadium	0.29			0.010	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]
Zinc	0.19			0.10	mg/l	1	05/07/11	05/07/11	PY	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12941
(2) Instrument QC Batch: MA12945
(3) Prep QC Batch: MP17008
(4) Prep QC Batch: MP17011

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody
- RCP Form
- Sample Tracking Chronicle

Parameter Certification Exceptions

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Tetrahydrofuran	109-99-9	**SW846 8260B**	SO	Certified by SOP MMS105/GC-MS
Aroclor 1262	37324-23-5	**SW846 8082**	SO	Certified by SOP MGC204/GC-ECD
Aroclor 1268	11100-14-4	**SW846 8082**	SO	Certified by SOP MGC204/GC-ECD

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC11

Client / Reporting Information	Project Information	Billing Information (If different from Report to)
Company Name: SHAW ENVIRONMENTAL	Project Name: NRG MIDDLETOWN CT	
Street Address: 100 TECHNOLOGY DRIVE	Street:	Company Name
City: STOUGHTON State: MA Zip:	City: MIDDLETOWN, CT	Street Address
Project Contact: RAY CADOROTTE E-mail:	Project#:	City State Zip
Phone #: 617 589 6102 Fax #:	Client PO#:	
Sampler(s) Name(s): BEN SHORT Phone #: 603 785 8379	Project Manager:	Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	PCB	MASS+TCLP MET	SVOC	CTETPH	VOC 8260 + LL	LAB USE ONLY
-1	EX-1		5/6/11	1100	BS	S	4						X	X		/	X	X	X	X	X	
-2	EX-2		5/6/11	1120	BS	S	4						X	X			X	X	X	X	X	
-3	STOCK PILE - 1		5/6/11	1140	BS	S	4						X	X			X	X	X	X	X	
-4	STOCK PILE - 2		5/6/11	1200	BS	S	4						X	X			X	X	X	X	X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

10D, F2BB
10J4

Turnaround Time (Business days)
- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract only)
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☒ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information
- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format
- ☐ Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

FROZEN FR26 5/6/11 15:30

Comments / Special Instructions
RUSH + ANALYSIS AS PER RAYMOND CADOROTTE / SHAW
CALL w/ QUESTONS
617 589 6102

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	5-6-11 1300	1 [signature]	2 B.C	5-6-11 1515	2 B C
3		3	4		4
5		5			

Custody Seal # ☐ Intact ☐ Not intact — Preserved where applicable ☐ — On Ice ☐ — Cooler Temp. 2.7°

MC11: Chain of Custody
Page 1 of 1

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: **Accutest New England** **Client:** **Shaw Environmental & Infrastructure**

Project Location: **NRG Middletown 1866 River Rd. Middletown CT** **Project Number:** **1009634010**

Sampling Date(s): **5/6/2011**

Laboratory Sample ID(s): MC11-1, MC11-2, MC11-3, MC11-4, MC11-1A, MC11-2A, MC11-3A, MC11-4A

Methods: Refer to case narrative.

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☐ No ☑
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) Were these reporting limits met?	Yes ☑ No ☐
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes ☐ No ☑
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ☑ No ☐

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Position: Lab Director

Printed Name: Reza Tand Date: 5/9/2011
Accutest New England

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC11

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634010

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC11-1 EX-1	Collected: 06-MAY-11 11:00 By: BS		Received: 06-MAY-11 By: JB			
MC11-1	SM21 2540 B MOD.	06-MAY-11	CF			%SOL
MC11-1	SW846 8260B	07-MAY-11 09:50	AMY			V8260RCP
MC11-1	SW846 6010C	07-MAY-11 10:58	PY	06-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V
MC11-1	SW846 6010C	07-MAY-11 11:12	PY	06-MAY-11	EM	ZN
MC11-1	SW846 8260B	07-MAY-11 11:41	AMY			V8260RCP
MC11-1	SW846 8082	07-MAY-11 15:52	CZ	06-MAY-11	MR	P8082RCP
MC11-1	SW846 8270C	07-MAY-11 17:46	PR	06-MAY-11	BJ	B8270PAH
MC11-1	CT-ETPH 7/06	07-MAY-11 19:35	SS	07-MAY-11	BJ	BCTTPH
MC11-1	SW846 7471A	09-MAY-11 09:41	MA	07-MAY-11	MA	HG
MC11-2 EX-2	Collected: 06-MAY-11 11:20 By: BS		Received: 06-MAY-11 By: JB			
MC11-2	SM21 2540 B MOD.	06-MAY-11	CF			%SOL
MC11-2	SW846 8260B	07-MAY-11 10:18	AMY			V8260RCP
MC11-2	SW846 6010C	07-MAY-11 11:03	PY	06-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V
MC11-2	SW846 6010C	07-MAY-11 11:16	PY	06-MAY-11	EM	ZN
MC11-2	SW846 8260B	07-MAY-11 12:09	AMY			V8260RCP
MC11-2	SW846 8082	07-MAY-11 16:12	CZ	06-MAY-11	MR	P8082RCP
MC11-2	SW846 8270C	07-MAY-11 18:16	PR	06-MAY-11	BJ	B8270PAH
MC11-2	CT-ETPH 7/06	07-MAY-11 20:15	SS	07-MAY-11	BJ	BCTTPH
MC11-2	SW846 7471A	09-MAY-11 09:44	MA	07-MAY-11	MA	HG
MC11-3 STOCK PILE-1	Collected: 06-MAY-11 11:40 By: BS		Received: 06-MAY-11 By: JB			
MC11-3	SM21 2540 B MOD.	06-MAY-11	CF			%SOL
MC11-3	SW846 8260B	07-MAY-11 10:46	AMY			V8260RCP
MC11-3	SW846 6010C	07-MAY-11 11:08	PY	06-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC11-3	SW846 8260B	07-MAY-11 12:37	AMY			V8260RCP
MC11-3	SW846 8082	07-MAY-11 16:31	CZ	06-MAY-11	MR	P8082RCP
MC11-3	SW846 8270C	07-MAY-11 18:46	PR	06-MAY-11	BJ	B8270PAH
MC11-3	CT-ETPH 7/06	07-MAY-11 20:54	SS	07-MAY-11	BJ	BCTTPH
MC11-3	SW846 7471A	09-MAY-11 09:46	MA	07-MAY-11	MA	HG

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC11

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634010

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC11-4 STOCK PILE-2	Collected: 06-MAY-11 12:00 By: BS		Received: 06-MAY-11 By: JB			
MC11-4	SM21 2540 B MOD.	06-MAY-11	CF			%SOL
MC11-4	SW846 6010C	07-MAY-11 10:46	PY	06-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC11-4	SW846 8260B	07-MAY-11 11:13	AMY			V8260RCP
MC11-4	SW846 8260B	07-MAY-11 13:04	AMY			V8260RCP
MC11-4	SW846 8082	07-MAY-11 16:51	CZ	06-MAY-11	MR	P8082RCP
MC11-4	SW846 8270C	07-MAY-11 19:17	PR	06-MAY-11	BJ	B8270PAH
MC11-4	CT-ETPH 7/06	07-MAY-11 21:33	SS	07-MAY-11	BJ	BCTTPH
MC11-4	SW846 7471A	09-MAY-11 09:48	MA	07-MAY-11	MA	HG
MC11-1A EX-1	Collected: 06-MAY-11 11:00 By: BS		Received: 06-MAY-11 By: JB			
MC11-1A	SW846 6010C	07-MAY-11 12:54	PY	07-MAY-11	PY	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC11-1A	SW846 7470A	09-MAY-11 09:45	MA	07-MAY-11	MA	EHG
MC11-2A EX-2	Collected: 06-MAY-11 11:20 By: BS		Received: 06-MAY-11 By: JB			
MC11-2A	SW846 6010C	07-MAY-11 13:21	PY	07-MAY-11	PY	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC11-2A	SW846 7470A	09-MAY-11 09:48	MA	07-MAY-11	MA	EHG
MC11-3A STOCK PILE-1	Collected: 06-MAY-11 11:40 By: BS		Received: 06-MAY-11 By: JB			
MC11-3A	SW846 6010C	07-MAY-11 13:26	PY	07-MAY-11	PY	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC11-3A	SW846 7470A	09-MAY-11 09:55	MA	07-MAY-11	MA	EHG
MC11-4A STOCK PILE-2	Collected: 06-MAY-11 12:00 By: BS		Received: 06-MAY-11 By: JB			
MC11-4A	SW846 6010C	07-MAY-11 13:17	PY	07-MAY-11	PY	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC11

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634010

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC11-4A	SW846 7470A	09-MAY-11 09:58	MA	07-MAY-11	MA	EHG

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1753-MB	P52908.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
107-13-1	Acrylonitrile	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1753-MB	P52908.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1753-MB	P52908.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	114%	70-130%
2037-26-5	Toluene-D8	116%	70-130%
460-00-4	4-Bromofluorobenzene	115%	70-130%

Blank Spike Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1753-BS	P52906.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	45.0	90	70-130
107-13-1	Acrylonitrile	50	52.4	105	70-130
71-43-2	Benzene	50	50.9	102	70-130
108-86-1	Bromobenzene	50	51.1	102	70-130
75-27-4	Bromodichloromethane	50	52.3	105	70-130
75-25-2	Bromoform	50	50.6	101	70-130
74-83-9	Bromomethane	50	44.5	89	70-130
78-93-3	2-Butanone (MEK)	50	40.7	81	70-130
104-51-8	n-Butylbenzene	50	53.9	108	70-130
135-98-8	sec-Butylbenzene	50	54.9	110	70-130
98-06-6	tert-Butylbenzene	50	53.7	107	70-130
75-15-0	Carbon disulfide	50	47.6	95	70-130
56-23-5	Carbon tetrachloride	50	49.6	99	70-130
108-90-7	Chlorobenzene	50	50.3	101	70-130
75-00-3	Chloroethane	50	50.8	102	70-130
67-66-3	Chloroform	50	48.8	98	70-130
74-87-3	Chloromethane	50	48.8	98	70-130
95-49-8	o-Chlorotoluene	50	51.1	102	70-130
106-43-4	p-Chlorotoluene	50	55.1	110	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	53.6	107	70-130
124-48-1	Dibromochloromethane	50	51.5	103	70-130
106-93-4	1,2-Dibromoethane	50	51.2	102	70-130
95-50-1	1,2-Dichlorobenzene	50	52.2	104	70-130
541-73-1	1,3-Dichlorobenzene	50	51.8	104	70-130
106-46-7	1,4-Dichlorobenzene	50	51.2	102	70-130
75-71-8	Dichlorodifluoromethane	50	36.6	73	70-130
75-34-3	1,1-Dichloroethane	50	48.8	98	70-130
107-06-2	1,2-Dichloroethane	50	48.0	96	70-130
75-35-4	1,1-Dichloroethene	50	49.7	99	70-130
156-59-2	cis-1,2-Dichloroethene	50	49.5	99	70-130
156-60-5	trans-1,2-Dichloroethene	50	49.7	99	70-130
78-87-5	1,2-Dichloropropane	50	49.1	98	70-130
142-28-9	1,3-Dichloropropane	50	51.5	103	70-130
594-20-7	2,2-Dichloropropane	50	57.7	115	70-130
563-58-6	1,1-Dichloropropene	50	50.9	102	70-130
10061-01-5	cis-1,3-Dichloropropene	50	51.7	103	70-130

Blank Spike Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1753-BS	P52906.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	59.3	119	70-130
100-41-4	Ethylbenzene	50	51.5	103	70-130
76-13-1	Freon 113	50	45.3	91	70-130
87-68-3	Hexachlorobutadiene	50	49.9	100	70-130
591-78-6	2-Hexanone	50	41.6	83	70-130
98-82-8	Isopropylbenzene	50	62.2	124	70-130
99-87-6	p-Isopropyltoluene	50	54.3	109	70-130
1634-04-4	Methyl Tert Butyl Ether	50	53.9	108	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	49.3	99	70-130
74-95-3	Methylene bromide	50	52.1	104	70-130
75-09-2	Methylene chloride	50	46.0	92	70-130
91-20-3	Naphthalene	50	58.3	117	70-130
103-65-1	n-Propylbenzene	50	54.1	108	70-130
100-42-5	Styrene	50	56.3	113	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	50.1	100	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	49.9	100	70-130
127-18-4	Tetrachloroethene	50	49.1	98	70-130
109-99-9	Tetrahydrofuran	50	54.2	108	70-130
108-88-3	Toluene	50	53.7	107	70-130
110-57-6	Trans-1,4-Dichloro-2-Butene	50	53.7	107	70-130
87-61-6	1,2,3-Trichlorobenzene	50	50.3	101	70-130
120-82-1	1,2,4-Trichlorobenzene	50	49.5	99	70-130
71-55-6	1,1,1-Trichloroethane	50	48.7	97	70-130
79-00-5	1,1,2-Trichloroethane	50	53.0	106	70-130
79-01-6	Trichloroethene	50	50.4	101	70-130
75-69-4	Trichlorofluoromethane	50	44.1	88	70-130
96-18-4	1,2,3-Trichloropropane	50	52.2	104	70-130
95-63-6	1,2,4-Trimethylbenzene	50	55.9	112	70-130
108-67-8	1,3,5-Trimethylbenzene	50	53.6	107	70-130
75-01-4	Vinyl chloride	50	49.7	99	70-130
	m,p-Xylene	100	107	107	70-130
95-47-6	o-Xylene	50	53.8	108	70-130

Blank Spike Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1753-BS	P52906.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	70-130%
2037-26-5	Toluene-D8	116%	70-130%
460-00-4	4-Bromofluorobenzene	106%	70-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC11-1MS	P52929.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1MSD	P52930.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1	P52909.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1 [a]	P52913.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	MC11-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	63.0		82	160	118	97.0	42* [b]	49* [c]	70-130/30
107-13-1	Acrylonitrile	ND		82	62.3	76	85.1	105	31* [c]	70-130/30
71-43-2	Benzene	3.5		82	60.1	69* [b]	60.2	70	0	70-130/30
108-86-1	Bromobenzene	ND		82	29.1	35* [b]	31.0	38* [b]	6	70-130/30
75-27-4	Bromodichloromethane	ND		82	54.5	66* [b]	53.9	67* [b]	1	70-130/30
75-25-2	Bromoform	ND		82	50.8	62* [b]	49.9	62* [b]	2	70-130/30
74-83-9	Bromomethane	ND		82	52.2	64* [b]	56.6	70	8	70-130/30
78-93-3	2-Butanone (MEK)	ND		82	67.6	82	68.1	84	1	70-130/30
104-51-8	n-Butylbenzene	ND		82	39.1	48* [b]	48.1	60* [b]	21	70-130/30
135-98-8	sec-Butylbenzene	ND		82	54.7	67* [b]	66.7	83	20	70-130/30
98-06-6	tert-Butylbenzene	ND		82	67.0	82	78.0	97	15	70-130/30
75-15-0	Carbon disulfide	3.4		82	41.8	47* [b]	51.4	59* [b]	21	70-130/30
56-23-5	Carbon tetrachloride	ND		82	68.2	83	65.9	82	3	70-130/30
108-90-7	Chlorobenzene	ND		82	28.0	34* [b]	28.9	36* [b]	3	70-130/30
75-00-3	Chloroethane	ND		82	75.8	92	76.1	94	0	70-130/30
67-66-3	Chloroform	ND		82	62.1	76	61.7	76	1	70-130/30
74-87-3	Chloromethane	ND		82	76.2	93	77.2	96	1	70-130/30
95-49-8	o-Chlorotoluene	ND		82	39.2	48* [b]	44.4	55* [b]	12	70-130/30
106-43-4	p-Chlorotoluene	ND		82	28.1	34* [b]	30.9	38* [b]	9	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		82	56.8	69* [b]	69.3	86	20	70-130/30
124-48-1	Dibromochloromethane	ND		82	58.9	72	55.1	68* [b]	7	70-130/30
106-93-4	1,2-Dibromoethane	ND		82	39.5	48* [b]	41.1	51* [b]	4	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		82	23.4	29* [b]	26.8	33* [b]	14	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		82	21.6	26* [b]	23.8	30* [b]	10	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		82	17.9	22* [b]	19.6	24* [b]	9	70-130/30
75-71-8	Dichlorodifluoromethane	ND		82	71.6	87	64.0	79	11	70-130/30
75-34-3	1,1-Dichloroethane	ND		82	67.2	82	65.1	81	3	70-130/30
107-06-2	1,2-Dichloroethane	ND		82	45.7	56* [b]	49.8	62* [b]	9	70-130/30
75-35-4	1,1-Dichloroethene	ND		82	72.2	88	74.7	93	3	70-130/30
156-59-2	cis-1,2-Dichloroethene	1.9		82	48.5	57* [b]	51.3	61* [b]	6	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		82	36.6	45* [b]	42.7	53* [b]	15	70-130/30
78-87-5	1,2-Dichloropropane	ND		82	59.2	72	56.1	70	5	70-130/30
142-28-9	1,3-Dichloropropane	ND		82	53.7	65* [b]	54.2	67* [b]	1	70-130/30
594-20-7	2,2-Dichloropropane	ND		82	24.0	29* [b]	26.7	33* [b]	11	70-130/30
563-58-6	1,1-Dichloropropene	ND		82	49.8	61* [b]	53.6	66* [b]	7	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		82	28.3	35* [b]	31.5	39* [b]	11	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC11-1MS	P52929.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1MSD	P52930.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1	P52909.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1 [a]	P52913.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	MC11-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		82	20.2	25* [b]	23.3	29* [b]	14	70-130/30
100-41-4	Ethylbenzene	0.54		82	40.4	49* [b]	42.7	52* [b]	6	70-130/30
76-13-1	Freon 113	ND		82	77.0	94	72.9	90	5	70-130/30
87-68-3	Hexachlorobutadiene	ND		82	49.3	60* [b]	55.9	69* [b]	13	70-130/30
591-78-6	2-Hexanone	ND		82	53.8	66* [b]	53.9	67* [b]	0	70-130/30
98-82-8	Isopropylbenzene	ND		82	74.1	90	86.3	107	15	70-130/30
99-87-6	p-Isopropyltoluene	ND		82	49.7	61* [b]	60.2	75	19	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		82	86.3	105	82.9	103	4	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		82	91.0	111	86.9	108	5	70-130/30
74-95-3	Methylene bromide	ND		82	39.5	48* [b]	44.7	55* [b]	12	70-130/30
75-09-2	Methylene chloride	ND		82	66.8	81	68.3	85	2	70-130/30
91-20-3	Naphthalene	ND		82	39.0	48* [b]	53.7	67* [b]	32* [c]	70-130/30
103-65-1	n-Propylbenzene	ND		82	43.7	53* [b]	54.2	67* [b]	21	70-130/30
100-42-5	Styrene	ND		82	11.5	14* [b]	12.0	15* [b]	4	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		82	65.1	79	61.9	77	5	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		82	91.6	112	91.7	114	0	70-130/30
127-18-4	Tetrachloroethene	ND		82	49.5	60* [b]	53.8	67* [b]	8	70-130/30
109-99-9	Tetrahydrofuran	ND		82	139	169* [b]	124	154* [b]	11	70-130/30
108-88-3	Toluene	1.5		82	45.6	54* [b]	45.8	55* [b]	0	70-130/30
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		82	22.1	27* [b]	24.6	30* [b]	11	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		82	18.8	23* [b]	22.9	28* [b]	20	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		82	29.8	36* [b]	33.2	41* [b]	11	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		82	63.5	77	59.2	73	7	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		82	58.9	72	54.2	67* [b]	8	70-130/30
79-01-6	Trichloroethene	ND		82	42.2	51* [b]	44.9	56* [b]	6	70-130/30
75-69-4	Trichlorofluoromethane	ND		82	74.6	91	69.9	87	7	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		82	77.1	94	77.6	96	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		82	42.5	52* [b]	50.6	63* [b]	17	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		82	49.9	61* [b]	60.1	74	19	70-130/30
75-01-4	Vinyl chloride	ND		82	77.6	95	78.5	97	1	70-130/30
	m,p-Xylene	0.83		164	73.3	44* [b]	79.1	49* [b]	8	70-130/30
95-47-6	o-Xylene	ND		82	37.9	46* [b]	39.9	49* [b]	5	70-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC11-1MS	P52929.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1MSD	P52930.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1	P52909.D	1	05/07/11	AMY	n/a	n/a	MSP1753
MC11-1 [a]	P52913.D	1	05/07/11	AMY	n/a	n/a	MSP1753

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Surrogate Recoveries	MS	MSD	MC11-1	MC11-1	Limits
1868-53-7	Dibromofluoromethane	120%	124%	128%	134%* [d]	70-130%
2037-26-5	Toluene-D8	114%	115%	121%	119%	70-130%
460-00-4	4-Bromofluorobenzene	134%* [d]	142%* [d]	136%* [d]	137%* [d]	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(c) High RPD due to possible matrix interference and/or sample non-homogeneity.
(d) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Volatile Internal Standard Area Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSP1753-CC1750	**Injection Date:**	05/07/11
Lab File ID:	P52905.D	**Injection Time:**	07:50
Instrument ID:	GCMSP	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	90614	8.51	136700	9.36	67889	12.58	61597	15.13	26379	6.21
Upper Limit [a]	181228	9.01	273400	9.86	135778	13.08	123194	15.63	52758	6.71
Lower Limit [b]	45307	8.01	68350	8.86	33945	12.08	30799	14.63	13190	5.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP1753-BS	89093	8.50	133702	9.36	67536	12.58	60306	15.13	29815	6.20
MSP1753-MB	75466	8.51	110383	9.37	49717	12.58	37432	15.14	26021	6.23
MC11-1	66259	8.51	95028	9.36	34485	12.58	18751[c]	15.14	34166	6.26
MC11-2	70418	8.51	103671	9.37	40174	12.58	22906[c]	15.14	40830	6.23
MC11-3	67671	8.51	96734	9.37	37485	12.58	20892[c]	15.14	31339	6.23
MC11-4	71064	8.51	103013	9.37	42616	12.58	26020[c]	15.14	35443	6.23
MC11-1 [d]	62146	8.51	91631	9.37	33778[c]	12.58	18310[c]	15.14	33785	6.24
MC11-2 [d]	67900	8.51	100645	9.37	38368	12.58	20437[c]	15.14	37934	6.24
MC11-3 [d]	64997	8.51	92181	9.37	33724[c]	12.58	16722[c]	15.14	36493	6.22
MC11-4 [d]	66238	8.51	94006	9.37	36331	12.58	20582[c]	15.14	37900	6.23
ZZZZZZ	77095	8.51	115337	9.37	53471	12.58	40266	15.14	36448	6.23
ZZZZZZ	74895	8.51	112398	9.37	49967	12.58	39663	15.14	33074	6.22
ZZZZZZ	67555	8.51	97721	9.37	42040	12.58	28777[c]	15.14	16688	6.28
ZZZZZZ	64500	8.52	94379	9.37	40756	12.58	26530[c]	15.14	15564	6.27
ZZZZZZ	4976[c]	8.52	7101[c]	9.37	3247[c]	12.59	1922[c]	15.15	0[c]	0.00*
ZZZZZZ	63691	8.51	93379	9.37	43014	12.58	28819[c]	15.14	18255	6.24
ZZZZZZ	2378[c]	8.52	3433[c]	9.38	1305[c]	12.59	376[c]	15.15	0[c]	0.00*
ZZZZZZ	1943[c]	8.53	2526[c]	9.38	720[c]	12.60	182[c]	15.15	0[c]	0.00*
ZZZZZZ	61664	8.51	91068	9.37	40340	12.58	26810[c]	15.14	16779	6.25
ZZZZZZ	64167	8.51	94195	9.37	42325	12.58	28846[c]	15.14	16765	6.24
ZZZZZZ	64984	8.52	95372	9.37	43831	12.58	31360	15.14	14041	6.25
ZZZZZZ	65106	8.51	96423	9.37	43650	12.58	31348	15.14	14606	6.25
MC11-1MS	72649	8.51	110814	9.37	46230	12.58	27785[c]	15.14	34029	6.20
MC11-1MSD	70256	8.51	107391	9.36	44889	12.58	25337[c]	15.14	39587	6.21

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.
(d) Confirmation run.

Volatile Surrogate Recovery Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC11-1	P52913.D	134.0* [a]	119.0	137.0* [a]
MC11-1	P52909.D	128.0	121.0	136.0* [a]
MC11-2	P52914.D	122.0	112.0	139.0* [a]
MC11-2	P52910.D	123.0	117.0	136.0* [a]
MC11-3	P52915.D	128.0	120.0	146.0* [a]
MC11-3	P52911.D	127.0	124.0	145.0* [a]
MC11-4	P52916.D	123.0	116.0	132.0* [a]
MC11-4	P52912.D	122.0	118.0	131.0* [a]
MC11-1MS	P52929.D	120.0	114.0	134.0* [a]
MC11-1MSD	P52930.D	124.0	115.0	142.0* [a]
MSP1753-BS	P52906.D	108.0	116.0	106.0
MSP1753-MB	P52908.D	114.0	116.0	115.0

Surrogate Compounds		Recovery Limits
S1 =	Dibromofluoromethane	70-130%
S2 =	Toluene-D8	70-130%
S3 =	4-Bromofluorobenzene	70-130%

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24840-MB	S23651.D	1	05/07/11	PR	05/06/11	OP24840	MSS1004

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	240	ug/kg	
208-96-8	Acenaphthylene	ND	240	ug/kg	
120-12-7	Anthracene	ND	240	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	ug/kg	
218-01-9	Chrysene	ND	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	ug/kg	
206-44-0	Fluoranthene	ND	240	ug/kg	
86-73-7	Fluorene	ND	240	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	ug/kg	
91-20-3	Naphthalene	ND	240	ug/kg	
85-01-8	Phenanthrene	ND	240	ug/kg	
129-00-0	Pyrene	ND	240	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	84%	30-130%
321-60-8	2-Fluorobiphenyl	68%	30-130%
1718-51-0	Terphenyl-d14	82%	30-130%

Blank Spike Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24840-BS	S23652.D	1	05/07/11	PR	05/06/11	OP24840	MSS1004

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	2400	1840	77	40-140
208-96-8	Acenaphthylene	2400	1350	56	40-140
120-12-7	Anthracene	2400	1800	75	40-140
56-55-3	Benzo(a)anthracene	2400	2020	84	40-140
50-32-8	Benzo(a)pyrene	2400	1730	72	40-140
205-99-2	Benzo(b)fluoranthene	2400	1970	82	40-140
191-24-2	Benzo(g,h,i)perylene	2400	1910	80	40-140
207-08-9	Benzo(k)fluoranthene	2400	2040	85	40-140
218-01-9	Chrysene	2400	1960	82	40-140
53-70-3	Dibenzo(a,h)anthracene	2400	1950	81	40-140
206-44-0	Fluoranthene	2400	1900	79	40-140
86-73-7	Fluorene	2400	1890	79	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2400	2050	85	40-140
91-20-3	Naphthalene	2400	1730	72	40-140
85-01-8	Phenanthrene	2400	1900	79	40-140
129-00-0	Pyrene	2400	2030	85	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	85%	30-130%
321-60-8	2-Fluorobiphenyl	72%	30-130%
1718-51-0	Terphenyl-d14	82%	30-130%

Semivolatile Internal Standard Area Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSS1004-CC987	**Injection Date:**	05/07/11
Lab File ID:	S23650.D	**Injection Time:**	16:16
Instrument ID:	GCMSS	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	162837	6.64	636601	8.05	312805	10.33	515222	12.58	520536	16.95	466937	19.21
Upper Limit [a]	325674	7.14	1273202	8.55	625610	10.83	1030444	13.08	1041072	17.45	933874	19.71
Lower Limit [b]	81419	6.14	318301	7.55	156403	9.83	257611	12.08	260268	16.45	233469	18.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP24840-MB	147636	6.64	608135	8.04	313127	10.33	519629	12.57	470724	16.95	389723	19.20
OP24840-BS	155860	6.64	621927	8.04	309350	10.33	515388	12.57	490599	16.95	405217	19.20
MC11-1	144445	6.64	584483	8.04	283821	10.33	474820	12.57	397289	16.95	378257	19.21
MC11-2	134463	6.64	547712	8.04	274412	10.33	458389	12.57	422835	16.95	418828	19.21
MC11-3	149127	6.64	609897	8.04	304101	10.33	507431	12.57	418810	16.95	413488	19.21
MC11-4	164441	6.64	688853	8.04	364433	10.33	599743	12.57	484957	16.95	451654	19.20
ZZZZZZ	113698	6.64	458253	8.04	217122	10.33	370168	12.57	351192	16.95	365194	19.20
ZZZZZZ	108671	6.64	401784	8.04	205719	10.32	353602	12.57	327124	16.95	317617	19.19
ZZZZZZ	154002	6.64	628746	8.04	328892	10.33	556649	12.57	513476	16.95	475083	19.20
ZZZZZZ	156849	6.64	660430	8.04	345487	10.32	579876	12.57	535259	16.95	505829	19.20
ZZZZZZ	146235	6.64	618043	8.04	322146	10.33	531393	12.57	502632	16.95	475820	19.20
OP24826-MB	128488	6.64	545844	8.04	285346	10.33	483873	12.57	429707	16.95	402552	19.19
OP24826-BS	139850	6.64	542517	8.04	279204	10.33	463518	12.57	435991	16.95	375595	19.20
OP24826-MS	137346	6.64	542253	8.04	273694	10.33	449032	12.57	419341	16.95	366602	19.20
OP24826-MSD	146107	6.64	567029	8.04	289115	10.33	479606	12.57	449274	16.95	385462	19.20
M99848-5	127511	6.64	523436	8.04	273880	10.33	471092	12.57	430779	16.95	398147	19.19
ZZZZZZ	128148	6.64	527330	8.04	271181	10.32	461191	12.57	421450	16.94	380393	19.19
OP24837-MB	123414	6.64	513469	8.04	262188	10.33	439244	12.57	392333	16.94	367565	19.19
OP24837-BS	143322	6.64	550506	8.04	278040	10.33	454438	12.58	432666	16.95	381578	19.20
OP24837-MS	133876	6.64	516376	8.04	263369	10.33	429061	12.57	405258	16.95	355033	19.20
OP24837-MSD	141204	6.64	540290	8.04	278002	10.33	468705	12.57	432580	16.95	374874	19.20
M99885-1B	121924	6.64	488174	8.04	256042	10.32	430836	12.57	397063	16.95	389675	19.19
OP24837-LB	124203	6.64	513028	8.04	260430	10.33	434498	12.57	403675	16.94	380112	19.19

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Surrogate Recovery Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC11-1	S23653.D	60.0	62.0	65.0
MC11-2	S23654.D	77.0	68.0	75.0
MC11-3	S23655.D	70.0	68.0	71.0
MC11-4	S23656.D	78.0	64.0	81.0
OP24840-BS	S23652.D	85.0	72.0	82.0
OP24840-MB	S23651.D	84.0	68.0	82.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	30-130%
S2 = 2-Fluorobiphenyl	30-130%
S3 = Terphenyl-d14	30-130%

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24838-MB	BC50953.D	1	05/07/11	SS	05/07/11	OP24838	GBC2458

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	16	mg/kg	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	86%	50-137%

Method Blank Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24839-MB	BB36330.D	1	05/07/11	CZ	05/06/11	OP24839	GBB2306

The QC reported here applies to the following samples: **Method:** SW846 8082

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	99	ug/kg	
11104-28-2	Aroclor 1221	ND	99	ug/kg	
11141-16-5	Aroclor 1232	ND	99	ug/kg	
53469-21-9	Aroclor 1242	ND	99	ug/kg	
12672-29-6	Aroclor 1248	ND	99	ug/kg	
11097-69-1	Aroclor 1254	ND	99	ug/kg	
11096-82-5	Aroclor 1260	ND	99	ug/kg	
37324-23-5	Aroclor 1262	ND	99	ug/kg	
11100-14-4	Aroclor 1268	ND	99	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	80%	30-150%
877-09-8	Tetrachloro-m-xylene	80%	30-150%
2051-24-3	Decachlorobiphenyl	80%	30-150%
2051-24-3	Decachlorobiphenyl	90%	30-150%

Blank Spike Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24838-BS	BC50954.D	1	05/07/11	SS	05/07/11	OP24838	GBC2458

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	CT-ETPH (C9-C36)	44.3	36.3	82	60-120

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	95%	50-137%

Blank Spike Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP24839-BS	BB36331.D	1	05/07/11	CZ	05/06/11	OP24839	GBB2306

The QC reported here applies to the following samples: **Method:** SW846 8082

MC11-1, MC11-2, MC11-3, MC11-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	255	194	76	40-140
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	255	223	88	40-140
37324-23-5	Aroclor 1262		ND		40-140
11100-14-4	Aroclor 1268		ND		40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	74%	30-150%
877-09-8	Tetrachloro-m-xylene	75%	30-150%
2051-24-3	Decachlorobiphenyl	71%	30-150%
2051-24-3	Decachlorobiphenyl	80%	30-150%

Semivolatile Surrogate Recovery Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: CT-ETPH 7/06 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC11-1	BC50957.D	102.0
MC11-2	BC50958.D	90.0
MC11-3	BC50959.D	81.0
MC11-4	BC50960.D	92.0
OP24838-BS	BC50954.D	95.0
OP24838-MB	BC50953.D	86.0

Surrogate Compounds	Recovery Limits
S1 = 1-Chlorooctadecane	50-137%

(a) Recovery from GC signal #1

Semivolatile Surrogate Recovery Summary

Job Number: MC11
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8082 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC11-1	BB36332.D	85.0	122.0	67.0	64.0
MC11-2	BB36333.D	69.0	66.0	93.0	65.0
MC11-3	BB36334.D	77.0	89.0	68.0	69.0
MC11-4	BB36335.D	86.0	84.0	76.0	85.0
OP24839-BS	BB36331.D	74.0	75.0	71.0	80.0
OP24839-MB	BB36330.D	80.0	80.0	80.0	90.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 05/06/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.9	2.6		
Antimony	1.0	.097	.11	0.10	<1.0
Arsenic	1.0	.096	.11	0.070	<1.0
Barium	5.0	.037	.1		
Beryllium	0.40	.023	.026	0.0	<0.40
Boron	10	.045	.06		
Cadmium	0.40	.014	.017	0.020	<0.40
Calcium	500	1.1	1.6		
Chromium	1.0	.06	.076	0.020	<1.0
Cobalt	5.0	.016	.015		
Copper	2.5	.11	.15	0.030	<2.5
Gold	5.0	.16	.21		
Iron	10	.67	.84		
Lead	1.0	.094	.15	0.040	<1.0
Magnesium	500	5.5	5.6		
Manganese	1.5	.011	.017		
Molybdenum	10	.03	.036		
Nickel	4.0	.019	.076	0.010	<4.0
Palladium	5.0	.29	.31		
Platinum	5.0	.72	.76		
Potassium	500	4.6	6.4		
Selenium	1.0	.15	.18	0.090	<1.0
Silicon	10	.14	.21		
Silver	0.50	.077	.11	-0.050	<0.50
Sodium	500	1.9	2		
Strontium	1.0	.019	.035		
Thallium	1.0	.067	.11	0.020	<1.0
Tin	10	.039	.049		
Titanium	5.0	.059	.061		
Tungsten	10	.89	1.3		
Vanadium	1.0	.084	.14	0.010	<1.0
Zinc	2.0	.03	.11	0.16	<2.0

Associated samples MP17005: MC11-1, MC11-2, MC11-3, MC11-4

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005 Methods: SW846 6010C
Matrix Type: SOLID Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Metal	MC11-4 Original	MS	Spikelot MPICP	% Rec	QC Limits	MC11-4 Original	DUP	RPD	QC Limits
Prep Date:				05/06/11				05/06/11	
Aluminum									
Antimony	0.51	18.4	40.7	43.9 (a)	75-125	0.51	0.26	64.9 (c)	0-20
Arsenic	6.3	42.2	40.7	88.1	75-125	6.3	8.6	30.9 (d)	0-20
Barium	anr								
Beryllium	0.39	38.6	40.7	93.8	75-125	0.39	0.47	18.6	0-20
Boron									
Cadmium	0.53	37.5	40.7	90.8	75-125	0.53	0.15	111.8(d)	0-20
Calcium									
Chromium	11.0	48.2	40.7	91.3	75-125	11.0	11.2	1.8	0-20
Cobalt									
Copper	18.9	54.4	40.7	87.2	75-125	18.9	17.4	8.3	0-20
Gold									
Iron									
Lead	17.9	83.3	81.5	80.3	75-125	17.9	13.0	31.7 (d)	0-20
Magnesium									
Manganese									
Molybdenum									
Nickel	16.7	59.0	40.7	103.8	75-125	16.7	16.3	2.4	0-20
Palladium									
Platinum									
Potassium									
Selenium	0.22	35.5	40.7	86.6	75-125	0.22	0.68	102.2(c)	0-20
Silicon									
Silver	0.29	14.9	16.3	89.7	75-125	0.29	0.27	7.1	0-20
Sodium									
Strontium									
Thallium	0.066	35.9	40.7	88.0	75-125	0.066	0.058	12.9	0-20
Tin									
Titanium									
Tungsten									
Vanadium	86.8	144	40.7	140.4(a)	75-125	86.8	95.7	9.8	0-20
Zinc	289	100	40.7	-464.0(b	75-125	289	64.9	126.6(d)	0-20

Associated samples MP17005: MC11-1, MC11-2, MC11-3, MC11-4

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005 | Methods: SW846 6010C
Matrix Type: SOLID | Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(c) RPD acceptable due to low duplicate and sample concentrations.
(d) High RPD due to possible matrix interference and/or sample non-homogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			05/06/11					05/06/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	49.3	50	98.6	80-120	48.8	50	97.6	1.0	20
Arsenic	48.8	50	97.6	80-120	48.6	50	97.2	0.4	20
Barium	anr								
Beryllium	52.7	50	105.4	80-120	52.6	50	105.2	0.2	20
Boron									
Cadmium	51.1	50	102.2	80-120	50.7	50	101.4	0.8	20
Calcium									
Chromium	51.1	50	102.2	80-120	50.9	50	101.8	0.4	20
Cobalt									
Copper	47.1	50	94.2	80-120	46.9	50	93.8	0.4	20
Gold									
Iron									
Lead	98.9	100	98.9	80-120	98.6	100	98.6	0.3	20
Magnesium									
Manganese									
Molybdenum									
Nickel	50.5	50	101.0	80-120	50.4	50	100.8	0.2	20
Palladium									
Platinum									
Potassium									
Selenium	49.5	50	99.0	80-120	49.2	50	98.4	0.6	20
Silicon									
Silver	19.9	20	99.5	80-120	19.9	20	99.5	0.0	20
Sodium									
Strontium									
Thallium	50.6	50	101.2	80-120	50.3	50	100.6	0.6	20
Tin									
Titanium									
Tungsten									
Vanadium	50.6	50	101.2	80-120	50.6	50	101.2	0.0	20
Zinc	52.2	50	104.4	80-120	52.5	50	105.0	0.6	20

Associated samples MP17005: MC11-1, MC11-2, MC11-3, MC11-4

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 05/06/11

Metal	LCS Result	Spikelot MPLCS71	% Rec	QC Limits
Aluminum				
Antimony	71.3	98	72.8	10-215
Arsenic	126	137	92.0	83-118
Barium	anr			
Beryllium	143	138	103.6	84-116
Boron				
Cadmium	82.9	85	97.5	84-116
Calcium				
Chromium	159	168	94.6	82-118
Cobalt				
Copper	170	187	90.9	84-117
Gold				
Iron				
Lead	111	120	92.5	83-117
Magnesium				
Manganese				
Molybdenum				
Nickel	157	159	98.7	84-116
Palladium				
Platinum				
Potassium				
Selenium	42.2	43.5	97.0	78-122
Silicon				
Silver	53.7	55.2	97.3	66-134
Sodium				
Strontium				
Thallium	143	146	97.9	82-119
Tin				
Titanium				
Tungsten				
Vanadium	128	138	92.8	80-120
Zinc	204	206	99.0	82-118

Associated samples MP17005: MC11-1, MC11-2, MC11-3, MC11-4

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/06/11

Metal	MC11-4 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	6.20	10.1	62.9 (a)	0-10
Arsenic	77.0	81.9	6.4	0-10
Barium	anr			
Beryllium	4.70	5.90	25.5 (a)	0-10
Boron				
Cadmium	6.50	6.50	0.0	0-10
Calcium				
Chromium	134	143	6.3	0-10
Cobalt				
Copper	230	243	5.4	0-10
Gold				
Iron				
Lead	218	237	8.6	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	204	218	6.8	0-10
Palladium				
Platinum				
Potassium				
Selenium	2.70	0.00	100.0(a)	0-10
Silicon				
Silver	3.50	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium	0.800	0.00	100.0(a)	0-10
Tin				
Titanium				
Tungsten				
Vanadium	1060	1110	5.2	0-10
Zinc	3520	3800	7.8	0-10

Associated samples MP17005: MC11-1, MC11-2, MC11-3, MC11-4

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005 Methods: SW846 6010C
Matrix Type: SOLID Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/06/11

Metal	Sample ml	Final ml	MC11-4 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	9.9	10.1	6.2	6.077228	25.5	.1	2	19.80198	98.1	-
Arsenic										
Barium										
Beryllium										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Gold										
Iron										
Lead										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium	9.9	10.1	1057	1036.069	2762	.1	200	1980.198	87.2	-
Zinc										

Associated samples MP17005: MC11-1, MC11-2, MC11-3, MC11-4

POST DIGESTATE SPIKE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17005
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17006
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/07/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.004	.0058	-0.0012	<0.033

Associated samples MP17006: MC11-1, MC11-2, MC11-3, MC11-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17006
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/07/11 05/07/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS72	% Rec	QC Limits
Mercury	0.50	0.5	100.0	80-120	8.6	8.78	97.9	50-146

Associated samples MP17006: MC11-1, MC11-2, MC11-3, MC11-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.2.2

8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17006
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/07/11

Metal	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.48	0.5	96.0	4.1	30

Associated samples MP17006: MC11-1, MC11-2, MC11-3, MC11-4

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.2.2

8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17008
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 05/07/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000018	.000029	-0.0000040	<0.00020

Associated samples MP17008: MC11-1A, MC11-2A, MC11-3A, MC11-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.3.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17008
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 05/07/11 05/07/11

Metal	MC11-1A Original	MS	Spikelot HGRWS1	% Rec	QC Limits	MC11-1A Original	DUP	RPD	QC Limits
Mercury	0.0	0.0033	0.0030	110.0	75-125	0.0	0.0	NC	0-20

Associated samples MP17008: MC11-1A, MC11-2A, MC11-3A, MC11-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

8.3.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17008
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 05/07/11 05/07/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.0033	0.0030	110.0	80-120	0.0030	0.0030	100.0	9.5	

Associated samples MP17008: MC11-1A, MC11-2A, MC11-3A, MC11-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 05/07/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.019	.04		
Antimony	0.0060	.00097	.002	0.00070	<0.0060
Arsenic	0.010	.00096	.0011	0.0010	<0.010
Barium	0.50	.00037	.0005		
Beryllium	0.0040	.00023	.00024	0.00020	<0.0040
Boron	0.10	.00045	.0018		
Cadmium	0.0040	.00014	.00017	0.00020	<0.0040
Calcium	5.0	.011	.022		
Chromium	0.010	.0006	.0006	0.00070	<0.010
Cobalt	0.050	.00016	.00022		
Copper	0.025	.0011	.0025	0.00060	<0.025
Gold	0.050	.0016	.0029		
Iron	0.10	.0067	.0085		
Lead	0.010	.00094	.0014	0.00020	<0.010
Magnesium	5.0	.055	.11		
Manganese	0.015	.00011	.00043		
Molybdenum	0.10	.0003	.00036		
Nickel	0.040	.00019	.00035	0.00010	<0.040
Palladium	0.050	.0029	.0034		
Platinum	0.050	.0072	.015		
Potassium	5.0	.046	.052		
Selenium	0.010	.0015	.0016	0.00030	<0.010
Silicon	0.10	.0014	.018		
Silver	0.0050	.00077	.001	-0.0010	<0.0050
Sodium	5.0	.019	.041		
Strontium	0.010	.00019	.00038		
Thallium	0.0050	.00067	.00088	-0.00050	<0.0050
Tin	0.10	.00039	.00047		
Titanium	0.050	.00059	.001		
Tungsten	0.10	.0089	.013		
Vanadium	0.010	.00084	.0015	0.00090	<0.010
Zinc	0.10	.0003	.00061	0.0021	<0.10

Associated samples MP17011: MC11-1A, MC11-2A, MC11-3A, MC11-4A

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Metal	MC11-1A Original	MS	Spikelot MPICP	% Rec	QC Limits	MC11-1A Original	DUP	RPD	QC Limits
Prep Date:				05/07/11				05/07/11	
Aluminum									
Antimony	0.039	0.56	0.50	104.2	75-125	0.039	0.038	2.6	0-20
Arsenic	0.0065	0.54	0.50	106.7	75-125	0.0065	0.0066	1.5	0-20
Barium	anr								
Beryllium	0.00030	0.52	0.50	103.9	75-125	0.00030	0.0	200.0(b)	0-20
Boron									
Cadmium	0.021	0.57	0.50	109.8	75-125	0.021	0.021	0.0	0-20
Calcium									
Chromium	0.0065	0.53	0.50	104.7	75-125	0.0065	0.0066	1.5	0-20
Cobalt									
Copper	0.0031	0.48	0.50	95.4	75-125	0.0031	0.0033	6.2	0-20
Gold									
Iron									
Lead	0.20	1.2	1.0	100.0	75-125	0.20	0.20	0.0	0-20
Magnesium									
Manganese									
Molybdenum									
Nickel	0.22	0.73	0.50	102.0	75-125	0.22	0.22	0.0	0-20
Palladium									
Platinum									
Potassium									
Selenium	0.0	0.57	0.50	114.0	75-125	0.0	0.0	NC	0-20
Silicon									
Silver	0.0015	0.22	0.20	109.3	75-125	0.0015	0.0020	28.6 (b)	0-20
Sodium									
Strontium									
Thallium	0.0	0.47	0.50	94.0	75-125	0.0	0.0	NC	0-20
Tin									
Titanium									
Tungsten									
Vanadium	0.0	0.52	0.50	104.0	75-125	0.0	0.0	NC	0-20
Zinc	8.0	8.9	0.50	180.0(a)	75-125	8.0	8.2	2.5	0-20

Associated samples MP17011: MC11-1A, MC11-2A, MC11-3A, MC11-4A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 05/07/11

Metal	M99653-1R Original	LS	Spikelot MPICP	% Rec	QC Limits
Aluminum					
Antimony	0.0018	0.51	0.50	101.6	75-125
Arsenic	0.0051	0.53	0.50	105.0	75-125
Barium	anr				
Beryllium	0.00070	0.52	0.50	103.9	75-125
Boron					
Cadmium	0.0046	0.54	0.50	107.1	75-125
Calcium					
Chromium	0.0034	0.53	0.50	105.3	75-125
Cobalt					
Copper	0.014	0.50	0.50	97.2	75-125
Gold					
Iron					
Lead	0.052	1.0	1.0	94.8	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	0.033	0.54	0.50	101.4	75-125
Palladium					
Platinum					
Potassium					
Selenium	0.0	0.56	0.50	112.0	75-125
Silicon					
Silver	0.0	0.22	0.20	110.0	75-125
Sodium					
Strontium					
Thallium	0.0	0.47	0.50	94.0	75-125
Tin					
Titanium					
Tungsten					
Vanadium	0.0	0.52	0.50	104.0	75-125
Zinc	0.59	1.1	0.50	102.0	75-125

Associated samples MP17011: MC11-1A, MC11-2A, MC11-3A, MC11-4A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:			05/07/11					05/07/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	0.50	0.50	100.0	80-120	0.51	0.50	102.0	2.0	20
Arsenic	0.53	0.50	106.0	80-120	0.54	0.50	108.0	1.9	20
Barium	anr								
Beryllium	0.51	0.50	102.0	80-120	0.51	0.50	102.0	0.0	20
Boron									
Cadmium	0.53	0.50	106.0	80-120	0.53	0.50	106.0	0.0	20
Calcium									
Chromium	0.53	0.50	106.0	80-120	0.52	0.50	104.0	1.9	20
Cobalt									
Copper	0.48	0.50	96.0	80-120	0.49	0.50	98.0	2.1	20
Gold									
Iron									
Lead	0.97	1.0	97.0	80-120	0.96	1.0	96.0	1.0	20
Magnesium									
Manganese									
Molybdenum									
Nickel	0.51	0.50	102.0	80-120	0.51	0.50	102.0	0.0	20
Palladium									
Platinum									
Potassium									
Selenium	0.56	0.50	112.0	80-120	0.57	0.50	114.0	1.8	20
Silicon									
Silver	0.21	0.20	105.0	80-120	0.21	0.20	105.0	0.0	20
Sodium									
Strontium									
Thallium	0.48	0.50	96.0	80-120	0.48	0.50	96.0	0.0	20
Tin									
Titanium									
Tungsten									
Vanadium	0.52	0.50	104.0	80-120	0.51	0.50	102.0	1.9	20
Zinc	0.56	0.50	112.0	80-120	0.56	0.50	112.0	0.0	20

Associated samples MP17011: MC11-1A, MC11-2A, MC11-3A, MC11-4A

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/07/11

Metal	MC11-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	39.0	42.1	7.9	0-10
Arsenic	6.50	7.50	15.4 (a)	0-10
Barium	anr			
Beryllium	0.300	0.00	100.0(a)	0-10
Boron				
Cadmium	21.1	19.9	5.7	0-10
Calcium				
Chromium	6.50	8.00	23.1 (a)	0-10
Cobalt				
Copper	3.10	0.00	100.0(a)	0-10
Gold				
Iron				
Lead	195	206	5.3	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	222	229	3.2	0-10
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	1.50	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	0.00	0.00	NC	0-10
Zinc	8040	8470	5.3	0-10

Associated samples MP17011: MC11-1A, MC11-2A, MC11-3A, MC11-4A

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC11
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17011
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Data Validation Worksheet

Project Name : NRG Middletown, CT
Validated By: Kim Napier

Job Number : 1009634013
Date: 7/21/2011
Date: 7/19/2011

Analyte Group :

VOC	EPA 8260B
SVOC	EPA 8270C
Extractable Total Petroleum Hydrocarbons	CT ETPH
PCB	EPA 8082
Metals - Total and SPLP	EPA 6010C
Mercury-Soil	EPA 7471A
Mercury-Soil	EPA 7470A
Percent Solids	EPA 2540B

Analytical Method :

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes
*Questions 4, and 6 were answered No

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC374

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time : All Holding times were met.

Method	Extraction	Analysis	Collection Date	Extraction date	Analyzed Date
VOC/8260B	NA	14 Days	5/17, 5/19/2011	NA	5/24/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/17, 5/19/2011	5/21/2011	5/23, 5/24/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/17, 5/19/2011	5/21/2011	5/23, 5/24/2011
PCB/8082	7 days (water) 14 days (soil)	40 days	5/17, 5/19/2011	5/21/2011	5/23, 5/24/2011
Metals/6010C	NA	6 months	5/17, 5/19/2011	NA	5/21/2011
Mercury/7471A	NA	28 days	5/17, 5/19/2011	NA	5/23/2011
Mercury/7470A	NA	28 days	5/17, 5/19/2011	NA	5/23/2011
Wet Chem/2540B	NA	28 days	5/17, 5/19/2011	NA	5/20/2011

Sample Collection Date : 5/17, 5/19/2011

Sample temperature above QC limit: No (1.1°)

Surrogate Recovery
Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC374-1,MC374-2, MC374-3, MC374-4, MC374-6, MC374-10 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Detects qualified J for MC374-2, MC374-3, and MC374-6 due to high %R. No qualification necessary for other samples noted.
MC374-1, MC374-3, MC374-5 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Detects qualified J for MC374-3, and MC374-5 due to high %R. No qualification necessary for other sample noted.
Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Surrogate Allowable Ranges for GC SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: NA

MS/MSD

Are all MS/MSD sample recoveries within the QC limits ? No
If No, list sample ID and compound where limit was exceeded:
Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
Qualify antimony results UJ for spiked parent sample (MC374-9) due to low %R

Equipment Field Blank ID : NA
Trip Blank ID : NA
Method Blank: VOC/8260B (5/23, 5/24/2011) SVOC/8270C (5/23/2011) ETPH (5/23/2011) PCB(5/23/2011) 6010C (5/20,

5/23/2011) 7471 (5/23/2011)7470 (5/23/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? YES

If so, list Sample ID/Compound/Concentration/Units:
OP25004-MB/Di-n-butyl phthalate/36.6ug/kg
OP25004-MB/Diethyl phthalate/28.2 ug/kg
OP25004-MB/bis(2-Ethylhexyl)phthalate/39.1 ug/kg
OP25002-MB CT-ETPH (C9-C36) 7.01 mg/kg
No qualification necessary due to blank contamination. Associated sample results ND for contaminants or > 5X the amount detected in the blank.

Sample Analysis Notes by Method:

Method SW846 8260B
Blank Spike Recovery(s) for Isopropylbenzene, Styrene are outside control limits. Blank Spike meets program technical requirements.
No qualification necessary for high %R. Associated sample results ND.
Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, 2,2-dichloropropane, toluene-d8, trans-1,4-dichloro-2-butene, naphthalene, 1,2,3-trichlorobenzene.
No qualification necessary.
MC374-3, MC374-4, MC374-5, MC374-6, MC374-1, MC374-10 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Compounds associated with internal standard with low area counts qualified J/UJ for noted samples:
MC374-1: compounds associated with Internal Standard (IS4)
MC374-2: compounds associated with Internal Standards (IS2, IS3, and IS4)
MC374-3: compounds associated with Internal Standard (IS4)
MC374-4: compounds associated with Internal Standard (IS4)
MC374-5: compounds associated with Internal Standard (IS3 and IS4)
MC374-6: compounds associated with Internal Standard (IS1, IS2, IS3, and IS4)
MC374-10: compounds associated with Internal Standard (IS4)

Blank Spike Recovery(s) for 2-Butanone (MEK), Acrylonitrile, Bromomethane, Chloromethane, Methylene chloride, Tetrahydrofuran are outside control limits. Blank Spike meets program technical requirements.
Qualify these compounds J/UJ due to low %R's for associated samples (MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, and MC374-10)

SW846 8270C
~~MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.~~

CT-ETPH 7/06
None

SW846 8082
None

SW846 7471A
None

SM21 2540 B MOD
None

SW846 6010C
RPD(s) for Duplicate for Cadmium, Lead, Selenium are outside control limits for sample MP17092-D1. RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary
RPD(s) for Serial Dilution for Antimony, Beryllium, Chromium, Copper, Lead, Nickel, Vanadium, Zinc are outside control limits for sample MP17092-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
RPD(s) for Serial Dilution for Cadmium are outside control limits for sample MP17091-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
MP17091-SD1 for Lead: Serial dilution indicates possible matrix interference.
Qualify lead results J for spiked parent sample (MC374-9)

Sample ID correction

Reviewed By:
Validated By Kim Napier
Validation performed in accordance with the logic identified in the CLP National Functional Guidelines for all data reported.

Data Validation Worksheet

Project Name : NRG Middletown, CT
Validated By: Kim Napier

Job Number : 1009634013
Date: 7/21/2011
Date: 7/19/2011

Analyte Group :

VOC	EPA 8260B
SVOC	EPA 8270C
Extractable Total Petroleum Hydrocarbons	CT ETPH
PCB	EPA 8082
Metals - Total and SPLP	EPA 6010C
Mercury-Soil	EPA 7471A
Mercury-Soil	EPA 7470A
Percent Solids	EPA 2540B

Analytical Method :

Completed Reasonable Confidence Protocols Certification Form Included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes
*Questions 4, and 6 were answered No

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC374

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time : All Holding times were met.

Method	Extraction	Analysis	Collection Date	Extraction date	Analyzed Date
VOC/8260B	NA	14 Days	5/17, 5/19/2011	NA	5/24/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/17, 5/19/2011	5/21/2011	5/23, 5/24/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/17, 5/19/2011	5/21/2011	5/23, 5/24/2011
PCB/8082	7 days (water) 14 days (soil)	40 days	5/17, 5/19/2011	5/21/2011	5/23, 5/24/2011
Metals/6010C	NA	6 months	5/17, 5/19/2011	NA	5/21/2011
Mercury/7471A	NA	28 days	5/17, 5/19/2011	NA	5/23/2011
Mercury/7470A	NA	28 days	5/17, 5/19/2011	NA	5/23/2011
Wet Chem/2540B	NA	28 days	5/17, 5/19/2011	NA	5/20/2011

Sample Collection Date : 5/17, 5/19/2011

Sample temperature above QC limit: No (1.1°)

Surrogate Recovery
Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC374-1,MC374-2, MC374-3, MC374-4, MC374-6, MC374-10 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Detects qualified J for MC374-2, MC374-3, and MC374-6 due to high %R. No qualification necessary for other samples noted.
MC374-1, MC374-3, MC374-5 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Detects qualified J for MC374-3, and MC374-5 due to high %R. No qualification necessary for other sample noted.
Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Surrogate Allowable Ranges for GC SVOCs:

Are all % recoveries within the allowable range ? Yes

If No, List sample ID where range was exceeded: NA

Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: NA

MS/MSD

Are all MS/MSD sample recoveries within the QC limits ? No
If No, list sample ID and compound where limit was exceeded:
Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
Qualify antimony results UJ for spiked parent sample (MC374-9) due to low %R

Equipment Field Blank ID : NA
Trip Blank ID : NA
Method Blank: VOC/8260B (5/23, 5/24/2011) SVOC/8270C (5/23/2011) ETPH (5/23/2011) PCB(5/23/2011) 6010C (5/20, 5/23/2011) 7471 (5/23/2011)7470 (5/23/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? YES

If so, list Sample ID/Compound/Concentration/Units:
OP25004-MB/Di-n-butyl phthalate/36.6ug/kg
OP25004-MB/Diethyl phthalate/28.2 ug/kg
OP25004-MB/bis(2-Ethylhexyl)phthalate/39.1 ug/kg
OP25002-MB CT-ETPH (C9-C36) 7.01 mg/kg
No qualification necessary due to blank contamination. Associated sample results ND for contaminants or > 5X the amount detected in the blank.
Sample Analysis Notes by Method:

Method SW846 8260B
Blank Spike Recovery(s) for Isopropylbenzene, Styrene are outside control limits. Blank Spike meets program technical requirements.
No qualification necessary for high %R. Associated sample results ND.
Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, 2,2-dichloropropane, toluene-d8, trans-1,4-dichloro-2-butene, naphthalene, 1,2,3-trichlorobenzene.
No qualification necessary.
MC374-3, MC374-4, MC374-5, MC374-6, MC374-1, MC374-10 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Compounds associated with internal standard with low area counts qualified J/UJ for noted samples:
MC374-1: compounds associated with Internal Standard (IS4)
MC374-2: compounds associated with Internal Standards (IS2, IS3, and IS4)
MC374-3: compounds associated with Internal Standard (IS4)
MC374-4: compounds associated with Internal Standard (IS4)
MC374-5: compounds associated with Internal Standard (IS3 and IS4)
MC374-6: compounds associated with Internal Standard (IS1, IS2, IS3, and IS4)
MC374-10: compounds associated with Internal Standard (IS4)

Blank Spike Recovery(s) for 2-Butanone (MEK), Acrylonitrile, Bromomethane, Chloromethane, Methylene chloride, Tetrahydrofuran are outside control limits. Blank Spike meets program technical requirements.
Qualify these compounds J/UJ due to low %R's for associated samples (MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, and MC374-10)

SW846 8270C
~~MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.~~

CT-ETPH 7/06
None

SW846 8082
None

SW846 7471A
None

SM21 2540 B MOD
None

SW846 6010C
RPD(s) for Duplicate for Cadmium, Lead, Selenium are outside control limits for sample MP17092-D1. RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary
RPD(s) for Serial Dilution for Antimony, Beryllium, Chromium, Copper, Lead, Nickel, Vanadium, Zinc are outside control limits for sample MP17092-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
RPD(s) for Serial Dilution for Cadmium are outside control limits for sample MP17091-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary
MP17091-SD1 for Lead: Serial dilution indicates possible matrix interference.
Qualify lead results J for spiked parent sample (MC374-9)

Sample ID correction

Reviewed By:
Validated By Kim Napier
Validation performed in accordance with the logic identified in the CLP National Functional Guidelines for all data reported.

Accutest Laboratories

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53221.D	1	05/23/11	AMY	n/a	n/a	MSP1765
Run #2 [a]	P53255.D	1	05/24/11	AMY	n/a	n/a	MSP1766

	Initial Weight	Final Volume
Run #1	11.5 g	5.0 ml
Run #2	5.93 g	5.0 ml

Compounds Assoc. w/ IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	14.0	2.5	ug/kg	
107-13-1	Acrylonitrile	ND	2.5	ug/kg	
71-43-2	Benzene	ND	0.25	ug/kg	
108-86-1	Bromobenzene	ND	2.5	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
74-83-9	Bromomethane	ND	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	2.5	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	2.5	ug/kg	UJ
75-15-0	Carbon disulfide	ND	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	2.5	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
74-87-3	Chloromethane	ND	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	2.5	ug/kg	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	ug/kg	UJ
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	UJ
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	UJ
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	UJ
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.1

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	2.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.5	ug/kg	UJ
591-78-6	2-Hexanone	ND	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	ug/kg	UJ
99-87-6	p-Isopropyltoluene	ND	2.5	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.5	ug/kg	
74-95-3	Methylene bromide	ND	2.5	ug/kg	
75-09-2	Methylene chloride	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	2.5	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	2.5	ug/kg	UJ
100-42-5	Styrene	ND	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	1.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.1	ug/kg	
108-88-3	Toluene	ND	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.5	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	ug/kg	UJ
75-01-4	Vinyl chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	127%	166% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.3

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53226.D	1	05/23/11	AMY	n/a	n/a	MSP1765
Run #2 [a]	P53256.D	1	05/24/11	AMY	n/a	n/a	MSP1766

	Initial Weight	Final Volume
Run #1	4.57 g	5.0 ml
Run #2	3.93 g	5.0 ml

Compounds assoc. w/ IS2, IS3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	6.3	ug/kg	
107-13-1	Acrylonitrile	ND	6.3	ug/kg	
71-43-2	Benzene	ND	0.63	ug/kg	UJ
108-86-1	Bromobenzene	ND	6.3	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	UJ
75-25-2	Bromoform	ND	2.5	ug/kg	UJ
74-83-9	Bromomethane	ND	2.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.3	ug/kg	
104-51-8	n-Butylbenzene	ND	6.3	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	6.3	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	6.3	ug/kg	UJ
75-15-0	Carbon disulfide	ND	6.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	UJ
108-90-7	Chlorobenzene	ND	2.5	ug/kg	UJ
75-00-3	Chloroethane	ND	6.3	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.3	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	6.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.3	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	UJ
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	UJ

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ IS2, IS3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.3	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	6.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.3	ug/kg	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.3	ug/kg	UJ
591-78-6	2-Hexanone	ND	6.3	ug/kg	
98-82-8	Isopropylbenzene	ND	6.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.3	ug/kg	UJ
74-95-3	Methylene bromide	ND	6.3	ug/kg	UJ
75-09-2	Methylene chloride	7.7	2.5	ug/kg	J
91-20-3	Naphthalene	ND	6.3	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	6.3	ug/kg	
100-42-5	Styrene	ND	6.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	13	ug/kg	
108-88-3	Toluene	ND	6.3	ug/kg	UJ
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	UJ
79-01-6	Trichloroethene	ND	2.5	ug/kg	UJ
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.3	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	6.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.3	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	UJ
95-47-6	o-Xylene	ND	2.5	ug/kg	UJ

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	168% [b]	135% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53257.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53227.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	3.81 g	5.0 ml
Run #2	5.38 g	5.0 ml

* Compounds Assoc. w/ JSH

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	7.8	ug/kg	
107-13-1	Acrylonitrile	ND	7.8	ug/kg	UJ
71-43-2	Benzene	3.9	0.78	ug/kg	J
*108-86-1	Bromobenzene	ND	7.8	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	3.1	ug/kg	
75-25-2	Bromoform	ND	3.1	ug/kg	
74-83-9	Bromomethane	ND	3.1	ug/kg	UJ
78-93-3	2-Butanone (MEK)	ND	7.8	ug/kg	UJ
*104-51-8	n-Butylbenzene	ND	7.8	ug/kg	UJ
*135-98-8	sec-Butylbenzene	ND	7.8	ug/kg	UJ
*98-06-6	tert-Butylbenzene	ND	7.8	ug/kg	UJ
75-15-0	Carbon disulfide	21.3	7.8	ug/kg	J
56-23-5	Carbon tetrachloride	ND	3.1	ug/kg	
108-90-7	Chlorobenzene	ND	3.1	ug/kg	
75-00-3	Chloroethane	ND	7.8	ug/kg	
67-66-3	Chloroform	ND	3.1	ug/kg	
74-87-3	Chloromethane	ND	7.8	ug/kg	UJ
* 95-49-8	o-Chlorotoluene	ND	7.8	ug/kg	UJ
* 106-43-4	p-Chlorotoluene	ND	7.8	ug/kg	UJ
*96-12-8	1,2-Dibromo-3-chloropropane	ND	7.8	ug/kg	UJ
124-48-1	Dibromochloromethane	ND	3.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.1	ug/kg	
*95-50-1	1,2-Dichlorobenzene	ND	3.1	ug/kg	UJ
*541-73-1	1,3-Dichlorobenzene	ND	3.1	ug/kg	UJ
*106-46-7	1,4-Dichlorobenzene	ND	3.1	ug/kg	UJ
75-71-8	Dichlorodifluoromethane	ND	3.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.1	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.5

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

* Compounds assoc. w/ IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	7.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	ug/kg	
100-41-4	Ethylbenzene	ND	3.1	ug/kg	
76-13-1	Freon 113	ND	7.8	ug/kg	
* 87-68-3	Hexachlorobutadiene	ND	7.8	ug/kg	UJ
591-78-6	2-Hexanone	ND	7.8	ug/kg	
* 98-82-8	Isopropylbenzene	ND	7.8	ug/kg	UJ
* 99-87-6	p-Isopropyltoluene	ND	7.8	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	3.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.8	ug/kg	
74-95-3	Methylene bromide	ND	7.8	ug/kg	
75-09-2	Methylene chloride	3.6	3.1	ug/kg	J
* 91-20-3	Naphthalene	ND	7.8	ug/kg	UJ
* 103-65-1	n-Propylbenzene	ND	7.8	ug/kg	UJ
100-42-5	Styrene	ND	7.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.8	ug/kg	
* 79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	3.1	ug/kg	
109-99-9	Tetrahydrofuran	ND	16	ug/kg	UJ
108-88-3	Toluene	ND	7.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	7.8	ug/kg	
* 87-61-6	1,2,3-Trichlorobenzene	ND	7.8	ug/kg	UJ
* 120-82-1	1,2,4-Trichlorobenzene	ND	7.8	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	3.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.1	ug/kg	
79-01-6	Trichloroethene	ND	3.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.1	ug/kg	
* 96-18-4	1,2,3-Trichloropropane	ND	7.8	ug/kg	UJ
* 95-63-6	1,2,4-Trimethylbenzene	ND	7.8	ug/kg	UJ
* 108-67-8	1,3,5-Trimethylbenzene	ND	7.8	ug/kg	UJ
75-01-4	Vinyl chloride	ND	3.1	ug/kg	
	m,p-Xylene	ND	3.1	ug/kg	
95-47-6	o-Xylene	ND	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	134% b	164% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.7

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53258.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53228.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	4.51 g	5.0 ml
Run #2	4.87 g	5.0 ml

Compounds Assoc. w/ IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	6.2	ug/kg	
107-13-1	Acrylonitrile	ND	6.2	ug/kg	UJ
71-43-2	Benzene	ND	0.62	ug/kg	
108-86-1	Bromobenzene	ND	6.2	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	UJ
78-93-3	2-Butanone (MEK)	ND	6.2	ug/kg	UJ
104-51-8	n-Butylbenzene	ND	6.2	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	6.2	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	6.2	ug/kg	UJ
75-15-0	Carbon disulfide	ND	6.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.2	ug/kg	UJ
95-49-8	o-Chlorotoluene	ND	6.2	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	6.2	ug/kg	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	ug/kg	UJ
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	UJ
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	UJ
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	UJ
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.7

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ ISY

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	ug/kg	UJ
591-78-6	2-Hexanone	ND	6.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	ug/kg	UJ
99-87-6	p-Isopropyltoluene	ND	6.2	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	ug/kg	
75-09-2	Methylene chloride	ND	2.5	ug/kg	— UJ
91-20-3	Naphthalene	ND	6.2	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	6.2	ug/kg	UJ
100-42-5	Styrene	ND	6.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	— UJ
108-88-3	Toluene	ND	6.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	ug/kg	UJ
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	130%	147% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.9

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53259.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53229.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2	5.35 g	5.0 ml

Compounds assoc. w/ IS 3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.8	ug/kg	
107-13-1	Acrylonitrile	ND	5.8	ug/kg	UJ
71-43-2	Benzene	ND	0.58	ug/kg	
108-86-1	Bromobenzene	ND	5.8	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	2.3	ug/kg	
75-25-2	Bromoform	ND	2.3	ug/kg	UJ
74-83-9	Bromomethane	ND	2.3	ug/kg	UJ
78-93-3	2-Butanone (MEK)	ND	5.8	ug/kg	UJ
104-51-8	n-Butylbenzene	ND	5.8	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	5.8	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	5.8	ug/kg	UJ
75-15-0	Carbon disulfide	ND	5.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	ug/kg	UJ
75-00-3	Chloroethane	ND	5.8	ug/kg	
67-66-3	Chloroform	ND	2.3	ug/kg	
74-87-3	Chloromethane	ND	5.8	ug/kg	UJ
95-49-8	o-Chlorotoluene	ND	5.8	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	5.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.8	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.3	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.3	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.3	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.3	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

39

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ IS 3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.8	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	5.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	2.3	ug/kg	UJ
76-13-1	Freon 113	ND	5.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.8	ug/kg	UJ
591-78-6	2-Hexanone	ND	5.8	ug/kg	
98-82-8	Isopropylbenzene	ND	5.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.8	ug/kg	
74-95-3	Methylene bromide	ND	5.8	ug/kg	
75-09-2	Methylene chloride	5.1	2.3	ug/kg	J
91-20-3	Naphthalene	ND	5.8	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	5.8	ug/kg	
100-42-5	Styrene	ND	5.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	UJ
108-88-3	Toluene	ND	5.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.8	ug/kg	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	ug/kg	
79-01-6	Trichloroethene	ND	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.8	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	5.8	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	5.8	ug/kg	UJ
75-01-4	Vinyl chloride	ND	2.3	ug/kg	
	m,p-Xylene	ND	2.3	ug/kg	UJ
95-47-6	o-Xylene	ND	2.3	ug/kg	UJ

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	153% [b]	202% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.11

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53230.D	1	05/23/11	AMY	n/a	n/a	MSP1765
Run #2 [a]	P53260.D	1	05/24/11	AMY	n/a	n/a	MSP1766

	Initial Weight	Final Volume
Run #1	4.90 g	5.0 ml
Run #2	4.25 g	5.0 ml

Compounds assoc. w/ IS1, IS2, ~~[illegible]~~ IS3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	✓ 9.4	6.2	ug/kg	- J
107-13-1	Acrylonitrile	ND	6.2	ug/kg	- UJ
71-43-2	Benzene	✓ 1.5	0.62	ug/kg	- J
108-86-1	Bromobenzene	ND	6.2	ug/kg	- UJ
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.2	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.11

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.2	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	6.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	ug/kg	
591-78-6	2-Hexanone	ND	6.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	ug/kg	
75-09-2	Methylene chloride	√18.1	2.5	ug/kg	- J
91-20-3	Naphthalene	ND	6.2	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	6.2	ug/kg	
100-42-5	Styrene	ND	6.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	
108-88-3	Toluene	ND	6.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	250% [b]	191% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.13

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53261.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2							

	Initial Weight	Final Volume
Run #1	4.04 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	7.0	ug/kg	
107-13-1	Acrylonitrile	ND	7.0	ug/kg	UJ
71-43-2	Benzene	ND	0.70	ug/kg	
108-86-1	Bromobenzene	ND	7.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	ug/kg	
75-25-2	Bromoform	ND	2.8	ug/kg	
74-83-9	Bromomethane	ND	2.8	ug/kg	UJ
78-93-3	2-Butanone (MEK)	ND	7.0	ug/kg	UJ
104-51-8	n-Butylbenzene	ND	7.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.0	ug/kg	
75-15-0	Carbon disulfide	ND	7.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	ug/kg	
75-00-3	Chloroethane	ND	7.0	ug/kg	
67-66-3	Chloroform	ND	2.8	ug/kg	
74-87-3	Chloromethane	ND	7.0	ug/kg	UJ
95-49-8	o-Chlorotoluene	ND	7.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.8	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.8	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.8	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.13

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	7.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	ug/kg	
100-41-4	Ethylbenzene	ND	2.8	ug/kg	
76-13-1	Freon 113	ND	7.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.0	ug/kg	
591-78-6	2-Hexanone	ND	7.0	ug/kg	
98-82-8	Isopropylbenzene	ND	7.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.0	ug/kg	
74-95-3	Methylene bromide	ND	7.0	ug/kg	
75-09-2	Methylene chloride	ND	2.8	ug/kg	UJ
91-20-3	Naphthalene	ND	7.0	ug/kg	
103-65-1	n-Propylbenzene	ND	7.0	ug/kg	
100-42-5	Styrene	ND	7.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	ug/kg	
127-18-4	Tetrachloroethene	ND	2.8	ug/kg	
109-99-9	Tetrahydrofuran	ND	14	ug/kg	UJ
108-88-3	Toluene	ND	7.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	7.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	ug/kg	
79-01-6	Trichloroethene	ND	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	ug/kg	
	m,p-Xylene	ND	2.8	ug/kg	
95-47-6	o-Xylene	ND	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.15

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53262.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	14.3	5.5	ug/kg	
107-13-1	Acrylonitrile	ND	5.5	ug/kg	-UJ
71-43-2	Benzene	ND	0.55	ug/kg	
108-86-1	Bromobenzene	ND	5.5	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	ug/kg	
75-25-2	Bromoform	ND	2.2	ug/kg	
74-83-9	Bromomethane	ND	2.2	ug/kg	-UJ
78-93-3	2-Butanone (MEK)	ND	5.5	ug/kg	-UJ
104-51-8	n-Butylbenzene	ND	5.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	ug/kg	
75-00-3	Chloroethane	ND	5.5	ug/kg	
67-66-3	Chloroform	ND	2.2	ug/kg	
74-87-3	Chloromethane	ND	5.5	ug/kg	-UJ
95-49-8	o-Chlorotoluene	ND	5.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.2	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.2	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.2	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3-15

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	ug/kg	
76-13-1	Freon 113	ND	5.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	ug/kg	
591-78-6	2-Hexanone	ND	5.5	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.2	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.5	ug/kg	
74-95-3	Methylene bromide	ND	5.5	ug/kg	
75-09-2	Methylene chloride	ND	2.2	ug/kg	UJ
91-20-3	Naphthalene	ND	5.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	ug/kg	
100-42-5	Styrene	ND	5.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	ug/kg	
109-99-9	Tetrahydrofuran	ND	11	ug/kg	UJ
108-88-3	Toluene	ND	5.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	ug/kg	
79-01-6	Trichloroethene	ND	2.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	ug/kg	
	m,p-Xylene	ND	2.2	ug/kg	
95-47-6	o-Xylene	ND	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	127%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.17 3

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
		Percent Solids:	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	<0.90 UJ	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	2.3	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.95	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	<0.36	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	10.7	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	11.9	2.2	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	5.5 J	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.036	0.035	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	14.2	3.6	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	<0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	<0.45	0.45	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	<0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	21.7	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	32.8	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

3.17

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53263.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2							

	Initial Weight	Final Volume
Run #1	4.28 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.2	6.6	ug/kg	
107-13-1	Acrylonitrile	ND	6.6	ug/kg	UJ
71-43-2	Benzene	ND	0.66	ug/kg	
108-86-1	Bromobenzene	ND	6.6	ug/kg	
75-27-4	Bromodichloromethane	ND	2.7	ug/kg	
75-25-2	Bromoform	ND	2.7	ug/kg	
74-83-9	Bromomethane	ND	2.7	ug/kg	UJ
78-93-3	2-Butanone (MEK)	ND	6.6	ug/kg	UJ
104-51-8	n-Butylbenzene	ND	6.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.6	ug/kg	
75-15-0	Carbon disulfide	ND	6.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.6	ug/kg	
67-66-3	Chloroform	ND	2.7	ug/kg	
74-87-3	Chloromethane	ND	6.6	ug/kg	UJ
95-49-8	o-Chlorotoluene	ND	6.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	ug/kg	
124-48-1	Dibromochloromethane	ND	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.7	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.7	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.7	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.7	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.7	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.7	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.17

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	Date Sampled:	05/17/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	2.7	ug/kg	
76-13-1	Freon 113	ND	6.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.6	ug/kg	
591-78-6	2-Hexanone	ND	6.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.6	ug/kg	
74-95-3	Methylene bromide	ND	6.6	ug/kg	
75-09-2	Methylene chloride	ND	2.7	ug/kg	-UJ
91-20-3	Naphthalene	ND	6.6	ug/kg	
103-65-1	n-Propylbenzene	ND	6.6	ug/kg	
100-42-5	Styrene	ND	6.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	ug/kg	
127-18-4	Tetrachloroethene	ND	2.7	ug/kg	
109-99-9	Tetrahydrofuran	ND	13	ug/kg	-UJ
108-88-3	Toluene	ND	6.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.7	ug/kg	
79-01-6	Trichloroethene	ND	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	ug/kg	
75-01-4	Vinyl chloride	ND	2.7	ug/kg	
	m,p-Xylene	ND	2.7	ug/kg	
95-47-6	o-Xylene	ND	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	125%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.19

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	Date Sampled:	05/19/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53264.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53224.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	4.46 g	5.0 ml
Run #2	11.3 g	5.0 ml

Compounds Assoc. w/ IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	6.2	ug/kg	
107-13-1	Acrylonitrile	ND	6.2	ug/kg	UJ
71-43-2	Benzene	ND	0.62	ug/kg	
108-86-1	Bromobenzene	ND	6.2	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	UJ
78-93-3	2-Butanone (MEK)	ND	6.2	ug/kg	UJ
104-51-8	n-Butylbenzene	ND	6.2	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	6.2	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	6.2	ug/kg	UJ
75-15-0	Carbon disulfide	ND	6.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.2	ug/kg	UJ
95-49-8	o-Chlorotoluene	ND	6.2	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	6.2	ug/kg	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	ug/kg	UJ
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	UJ
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	UJ
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	UJ
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.19

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	Date Sampled:	05/19/11
Matrix:	SO - Soil	Date Received:	05/20/11
Method:	SW846 8260B	Percent Solids:	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds Assoc. w/ JS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	ug/kg	UJ
591-78-6	2-Hexanone	ND	6.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	ug/kg	UJ
99-87-6	p-Isopropyltoluene	ND	6.2	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	ug/kg	
75-09-2	Methylene chloride	ND	2.5	ug/kg	UJ
91-20-3	Naphthalene	ND	6.2	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	6.2	ug/kg	UJ
100-42-5	Styrene	ND	6.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	UJ
108-88-3	Toluene	ND	6.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	ug/kg	UJ
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	130%	135% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

05/31/11

Technical Report for

Shaw Environmental & Infrastructure

NRG Middletown 1866 River Rd. Middletown CT

1009634013

Accutest Job Number: MC374

Sampling Dates: 05/17/11 - 05/19/11

Report to:

Shaw Environmental & Infrastructure

Raymond.Cadorette@shawgrp.com

ATTN: Raymond Cadorette

Total number of pages in report: **184**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Accutest Laboratories

Sample Summary

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC374-1	05/17/11	13:00	BG	05/20/11	SO	Soil	SDTRENCH-1 (5)
MC374-1A	05/17/11	13:00	BG	05/20/11	SO	Soil	SDTRENCH-1 (5)
MC374-2	05/17/11	13:10	BG	05/20/11	SO	Soil	SDTRENCH-2 (5)
MC374-2A	05/17/11	13:10	BG	05/20/11	SO	Soil	SDTRENCH-2 (5)
MC374-3	05/17/11	13:15	BG	05/20/11	SO	Soil	SDTRENCH-3 (9)
MC374-3A	05/17/11	13:15	BG	05/20/11	SO	Soil	SDTRENCH-3 (9)
MC374-4	05/17/11	13:25	BG	05/20/11	SO	Soil	SDTRENCH-4 (9)
MC374-4A	05/17/11	13:25	BG	05/20/11	SO	Soil	SDTRENCH-4 (9)
MC374-5	05/17/11	13:30	BG	05/20/11	SO	Soil	SDTRENCH-5 (12)
MC374-5A	05/17/11	13:30	BG	05/20/11	SO	Soil	SDTRENCH-5 (12)
MC374-6	05/17/11	13:40	BG	05/20/11	SO	Soil	SDTRENCH-6 (12)
MC374-6A	05/17/11	13:40	BG	05/20/11	SO	Soil	SDTRENCH-6 (12)
MC374-7	05/17/11	13:50	BG	05/20/11	SO	Soil	SDTRENCH-7 (18)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC374-7A	05/17/11	13:50	BG	05/20/11	SO	Soil	SDTRENCH-7 (18)
MC374-8	05/17/11	14:00	BG	05/20/11	SO	Soil	SDTRENCH-8 (18)
MC374-8A	05/17/11	14:00	BG	05/20/11	SO	Soil	SDTRENCH-8 (18)
MC374-9	05/17/11	14:00	BG	05/20/11	SO	Soil	SDTRENCH-8D (18)
MC374-9A	05/17/11	14:00	BG	05/20/11	SO	Soil	SDTRENCH-8D (18)
MC374-10	05/19/11	08:30	BG	05/20/11	SO	Soil	SDTRENCH-9 (3)
MC374-10A	05/19/11	08:30	BG	05/20/11	SO	Soil	SDTRENCH-9 (3)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Shaw Environmental & Infrastructure	**Job No**	MC374
Site:	NRG Middletown 1866 River Rd. Middletown CT	**Report Date**	5/31/2011 11:29:57 AM

10 Sample(s) were collected on between 05/17/2011 and 05/19/2011 and were received at Accutest on 05/20/2011 properly preserved, at 1.1 Deg. C and intact. These Samples received an Accutest job number of MC374. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix SO **Batch ID:** MSP1765

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for Isopropylbenzene, Styrene are outside control limits. Blank Spike meets program technical requirements.
- Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, 2,2-dichloropropane, toluene-d8, trans-1,4-dichloro-2-butene, naphthalene, 1,2,3-trichlorobenzene.
- MC374-3, MC374-4, MC374-5, MC374-6, MC374-1, MC374-10 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC374-3, MC374-4, MC374-5, MC374-10: Confirmation run.
- MC374-5 for Dibromofluoromethane, Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC374-2, MC374-3, MC374-4, MC374-6, MC374-10 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- Continuing calibration check standard MSP1765-CC1750 for Tetrahydrofuran exceed 30% Difference. This check standard met RCP criteria.

Matrix SO **Batch ID:** MSP1766

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 2-Butanone (MEK), Acrylonitrile, Bromomethane, Chloromethane, Methylene chloride, Tetrahydrofuran are outside control limits. Blank Spike meets program technical requirements.
- MC374-1, MC374-2, MC374-6: Confirmation run.
- MC374-1 for Dibromofluoromethane, Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC374-2, MC374-3, MC374-5, MC374-6 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC374-3 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- Continuing calibration check standard MSP1766-CC1750 , file P53241 for chloromethane, acrylonitrile, Tetrahydrofuran, 1,2,3-trichlorobenzene exceed 30% Difference. This check standard met RCP criteria.
- MC374-1 through MC374-6, MC374-10 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Extractables by GCMS By Method SW846 8270C

Matrix SO	**Batch ID:** OP25004

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method CT-ETPH 7/06

Matrix SO	**Batch ID:** OP25002

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8082

Matrix SO	**Batch ID:** OP25003

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix LEACHATE	**Batch ID:** MP17092

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC374-9ADUP, MC374-9AMS, MC374-9ASDL, MC374-9ADUP were used as the QC samples for metals.
- RPD(s) for Duplicate for Cadmium, Lead, Selenium are outside control limits for sample MP17092-D1. RPD acceptable due to low duplicate and sample concentrations.
- RPD(s) for Serial Dilution for Antimony, Beryllium, Chromium, Copper, Lead, Nickel, Vanadium, Zinc are outside control limits for sample MP17092-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Only selected metals requested.

Matrix SO	**Batch ID:** MP17091

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC374-9DUP, MC374-9MS, MC374-9PS, MC374-9SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- RPD(s) for Serial Dilution for Cadmium are outside control limits for sample MP17091-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP17091-SD1 for Lead: Serial dilution indicates possible matrix interference.
- Only selected metals requested.

Metals By Method SW846 7470A

Matrix	LEACHATE	**Batch ID:**	MP17097

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC374-9AMS, MC374-9ADUP were used as the QC samples for metals.
- RPD(s) for Duplicate for Mercury are outside control limits for sample MP17097-D1. RPD acceptable due to low duplicate and sample concentrations.

Metals By Method SW846 7471A

Matrix	SO	**Batch ID:**	MP17093

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC374-9DUP, MC374-9MS were used as the QC samples for metals.

Accutest may not have met all requested limits due to methodology limitations, sample matrix, dilutions, or percents solids.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC374).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53221.D	1	05/23/11	AMY	n/a	n/a	MSP1765
Run #2 [a]	P53255.D	1	05/24/11	AMY	n/a	n/a	MSP1766

	Initial Weight	Final Volume
Run #1	11.5 g	5.0 ml
Run #2	5.93 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	14.0	2.5	ug/kg	
107-13-1	Acrylonitrile	ND	2.5	ug/kg	
71-43-2	Benzene	ND	0.25	ug/kg	
108-86-1	Bromobenzene	ND	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
74-83-9	Bromomethane	ND	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	2.5	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
74-87-3	Chloromethane	ND	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	2.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.5	ug/kg	
591-78-6	2-Hexanone	ND	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.5	ug/kg	
74-95-3	Methylene bromide	ND	2.5	ug/kg	
75-09-2	Methylene chloride	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	2.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	ug/kg	
100-42-5	Styrene	ND	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethene	ND	1.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.1	ug/kg	
108-88-3	Toluene	ND	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	ug/kg	
75-01-4	Vinyl chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	127%	166% [b]	70-130%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	129%	135% [b]	70-130%
460-00-4	4-Bromofluorobenzene	108%	112%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72753.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	290	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	ug/kg	
95-48-7	2-Methylphenol	ND	570	ug/kg	
106-44-5	4-Methylphenol	ND	570	ug/kg	
88-75-5	2-Nitrophenol	ND	570	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	570	ug/kg	
108-95-2	Phenol	ND	290	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	ug/kg	
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
62-53-3	Aniline	ND	570	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	ug/kg	
106-47-8	4-Chloroaniline	ND	570	ug/kg	
86-74-8	Carbazole	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
132-64-9	Dibenzofuran	ND	290	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	ug/kg	
84-66-2	Diethyl phthalate	ND	290	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	ug/kg	
67-72-1	Hexachloroethane	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
78-59-1	Isophorone	ND	290	ug/kg	
91-57-6	2-Methylnaphthalene	ND	290	ug/kg	
88-74-4	2-Nitroaniline	ND	570	ug/kg	
99-09-2	3-Nitroaniline	ND	570	ug/kg	
100-01-6	4-Nitroaniline	ND	570	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
98-95-3	Nitrobenzene	ND	290	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	570	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	
110-86-1	Pyridine	ND	570	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	570	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		30-130%
4165-62-2	Phenol-d5	64%		30-130%
118-79-6	2,4,6-Tribromophenol	60%		30-130%
4165-60-0	Nitrobenzene-d5	60%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	64%		30-130%
1718-51-0	Terphenyl-d14	57%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27574.D	1	05/23/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	102%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26277.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		30-150%
877-09-8	Tetrachloro-m-xylene	76%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%
2051-24-3	Decachlorobiphenyl	54%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.89	0.89	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	30.7	0.89	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.95	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.36	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	20.6	0.89	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	21.0	2.2	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	7.6	0.89	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.10	0.037	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	61.8	3.6	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	1.0	0.89	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.45	0.45	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.89	0.89	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	286	0.89	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	35.6	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-1 (5)		
Lab Sample ID:	MC374-1A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	85.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Arsenic	0.041		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/24/11	DA	SW846 6010C [3]	SW846 3010A [4]
Vanadium	1.2		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Instrument QC Batch: MA13003
(4) Prep QC Batch: MP17092
(5) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53226.D	1	05/23/11	AMY	n/a	n/a	MSP1765
Run #2 [a]	P53256.D	1	05/24/11	AMY	n/a	n/a	MSP1766

	Initial Weight	Final Volume
Run #1	4.57 g	5.0 ml
Run #2	3.93 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	6.3	ug/kg	
107-13-1	Acrylonitrile	ND	6.3	ug/kg	
71-43-2	Benzene	ND	0.63	ug/kg	
108-86-1	Bromobenzene	ND	6.3	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.3	ug/kg	
104-51-8	n-Butylbenzene	ND	6.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.3	ug/kg	
75-15-0	Carbon disulfide	ND	6.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.3	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.3	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.3	ug/kg	
591-78-6	2-Hexanone	ND	6.3	ug/kg	
98-82-8	Isopropylbenzene	ND	6.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.3	ug/kg	
74-95-3	Methylene bromide	ND	6.3	ug/kg	
75-09-2	Methylene chloride	7.7	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.3	ug/kg	
103-65-1	n-Propylbenzene	ND	6.3	ug/kg	
100-42-5	Styrene	ND	6.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	13	ug/kg	
108-88-3	Toluene	ND	6.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.3	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	168% [b]	135% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	128%	127%	70-130%
460-00-4	4-Bromofluorobenzene	122%	114%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72754.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	290	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	ug/kg	
95-48-7	2-Methylphenol	ND	570	ug/kg	
106-44-5	4-Methylphenol	ND	570	ug/kg	
88-75-5	2-Nitrophenol	ND	570	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	570	ug/kg	
108-95-2	Phenol	ND	290	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	ug/kg	
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
62-53-3	Aniline	ND	570	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	ug/kg	
106-47-8	4-Chloroaniline	ND	570	ug/kg	
86-74-8	Carbazole	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
132-64-9	Dibenzofuran	ND	290	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	ug/kg	
84-66-2	Diethyl phthalate	ND	290	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	ug/kg	
67-72-1	Hexachloroethane	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
78-59-1	Isophorone	ND	290	ug/kg	
91-57-6	2-Methylnaphthalene	ND	290	ug/kg	
88-74-4	2-Nitroaniline	ND	570	ug/kg	
99-09-2	3-Nitroaniline	ND	570	ug/kg	
100-01-6	4-Nitroaniline	ND	570	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
98-95-3	Nitrobenzene	ND	290	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	570	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	
110-86-1	Pyridine	ND	570	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	570	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		30-130%
4165-62-2	Phenol-d5	57%		30-130%
118-79-6	2,4,6-Tribromophenol	71%		30-130%
4165-60-0	Nitrobenzene-d5	51%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	59%		30-130%
1718-51-0	Terphenyl-d14	78%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27596.D	1	05/24/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	77.3	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	107%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26278.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	68%		30-150%
877-09-8	Tetrachloro-m-xylene	80%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%
2051-24-3	Decachlorobiphenyl	56%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.86	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	6.9	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.40	0.34	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.34	0.34	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	10.3	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	19.6	2.2	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	9.9	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.060	0.038	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	14.1	3.4	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 0.86	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.43	0.43	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.86	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	38.9	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	54.4	1.7	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-2 (5)		
Lab Sample ID:	MC374-2A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	0.013		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	0.080		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53257.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53227.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	3.81 g	5.0 ml
Run #2	5.38 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	7.8	ug/kg	
107-13-1	Acrylonitrile	ND	7.8	ug/kg	
71-43-2	Benzene	3.9	0.78	ug/kg	
108-86-1	Bromobenzene	ND	7.8	ug/kg	
75-27-4	Bromodichloromethane	ND	3.1	ug/kg	
75-25-2	Bromoform	ND	3.1	ug/kg	
74-83-9	Bromomethane	ND	3.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.8	ug/kg	
104-51-8	n-Butylbenzene	ND	7.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.8	ug/kg	
75-15-0	Carbon disulfide	21.3	7.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.1	ug/kg	
108-90-7	Chlorobenzene	ND	3.1	ug/kg	
75-00-3	Chloroethane	ND	7.8	ug/kg	
67-66-3	Chloroform	ND	3.1	ug/kg	
74-87-3	Chloromethane	ND	7.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.8	ug/kg	
124-48-1	Dibromochloromethane	ND	3.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	3.1	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	3.1	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	3.1	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	3.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	3.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	3.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	3.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	3.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	3.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.1	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	7.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	ug/kg	
100-41-4	Ethylbenzene	ND	3.1	ug/kg	
76-13-1	Freon 113	ND	7.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.8	ug/kg	
591-78-6	2-Hexanone	ND	7.8	ug/kg	
98-82-8	Isopropylbenzene	ND	7.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.8	ug/kg	
74-95-3	Methylene bromide	ND	7.8	ug/kg	
75-09-2	Methylene chloride	3.6	3.1	ug/kg	
91-20-3	Naphthalene	ND	7.8	ug/kg	
103-65-1	n-Propylbenzene	ND	7.8	ug/kg	
100-42-5	Styrene	ND	7.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	ug/kg	
127-18-4	Tetrachloroethene	ND	3.1	ug/kg	
109-99-9	Tetrahydrofuran	ND	16	ug/kg	
108-88-3	Toluene	ND	7.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	7.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.1	ug/kg	
79-01-6	Trichloroethene	ND	3.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.8	ug/kg	
75-01-4	Vinyl chloride	ND	3.1	ug/kg	
	m,p-Xylene	ND	3.1	ug/kg	
95-47-6	o-Xylene	ND	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	134% [b]	164% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	131% [b]	130%	70-130%
460-00-4	4-Bromofluorobenzene	130%	123%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72755.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	290	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	580	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	580	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	580	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	580	ug/kg	
95-48-7	2-Methylphenol	ND	580	ug/kg	
106-44-5	4-Methylphenol	ND	580	ug/kg	
88-75-5	2-Nitrophenol	ND	580	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	580	ug/kg	
108-95-2	Phenol	ND	290	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	580	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	580	ug/kg	
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
62-53-3	Aniline	ND	580	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	425	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	ug/kg	
106-47-8	4-Chloroaniline	ND	580	ug/kg	
86-74-8	Carbazole	ND	290	ug/kg	
218-01-9	Chrysene	410	290	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	580	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	580	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
132-64-9	Dibenzofuran	ND	290	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	ug/kg	
84-66-2	Diethyl phthalate	ND	290	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	ug/kg	
206-44-0	Fluoranthene	977	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	580	ug/kg	
67-72-1	Hexachloroethane	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
78-59-1	Isophorone	ND	290	ug/kg	
91-57-6	2-Methylnaphthalene	ND	290	ug/kg	
88-74-4	2-Nitroaniline	ND	580	ug/kg	
99-09-2	3-Nitroaniline	ND	580	ug/kg	
100-01-6	4-Nitroaniline	ND	580	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
98-95-3	Nitrobenzene	ND	290	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	580	ug/kg	
85-01-8	Phenanthrene	562	290	ug/kg	
129-00-0	Pyrene	908	290	ug/kg	
110-86-1	Pyridine	ND	580	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	580	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		30-130%
4165-62-2	Phenol-d5	63%		30-130%
118-79-6	2,4,6-Tribromophenol	68%		30-130%
4165-60-0	Nitrobenzene-d5	56%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	63%		30-130%
1718-51-0	Terphenyl-d14	76%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27588.D	1	05/24/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	73.4	20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	108%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26282.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	ND	120	ug/kg	
37324-23-5	Aroclor 1262	ND	120	ug/kg	
11100-14-4	Aroclor 1268	ND	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		30-150%
877-09-8	Tetrachloro-m-xylene	74%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.91	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	20.9	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.85	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.36	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	22.5	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	30.0	2.3	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	28.1	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.11	0.037	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	27.5	3.6	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	0.98	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.45	0.45	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.91	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	120	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	134	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-3 (9)		
Lab Sample ID:	MC374-3A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	84.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.016		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	0.070		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53258.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53228.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	4.51 g	5.0 ml
Run #2	4.87 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	6.2	ug/kg	
107-13-1	Acrylonitrile	ND	6.2	ug/kg	
71-43-2	Benzene	ND	0.62	ug/kg	
108-86-1	Bromobenzene	ND	6.2	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.2	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	ug/kg	
591-78-6	2-Hexanone	ND	6.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	ug/kg	
75-09-2	Methylene chloride	ND	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.2	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	ug/kg	
100-42-5	Styrene	ND	6.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	
108-88-3	Toluene	ND	6.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	130%	147% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	124%	125%	70-130%
460-00-4	4-Bromofluorobenzene	119%	127%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72756.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	280	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	550	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	550	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	550	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	550	ug/kg	
95-48-7	2-Methylphenol	ND	550	ug/kg	
106-44-5	4-Methylphenol	ND	550	ug/kg	
88-75-5	2-Nitrophenol	ND	550	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	550	ug/kg	
108-95-2	Phenol	ND	280	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	550	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	550	ug/kg	
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
62-53-3	Aniline	ND	550	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	ug/kg	
106-47-8	4-Chloroaniline	ND	550	ug/kg	
86-74-8	Carbazole	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	550	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	550	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
132-64-9	Dibenzofuran	ND	280	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	ug/kg	
84-66-2	Diethyl phthalate	ND	280	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	ug/kg	
206-44-0	Fluoranthene	ND	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	550	ug/kg	
67-72-1	Hexachloroethane	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
78-59-1	Isophorone	ND	280	ug/kg	
91-57-6	2-Methylnaphthalene	ND	280	ug/kg	
88-74-4	2-Nitroaniline	ND	550	ug/kg	
99-09-2	3-Nitroaniline	ND	550	ug/kg	
100-01-6	4-Nitroaniline	ND	550	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
98-95-3	Nitrobenzene	ND	280	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	550	ug/kg	
85-01-8	Phenanthrene	ND	280	ug/kg	
129-00-0	Pyrene	ND	280	ug/kg	
110-86-1	Pyridine	ND	550	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	550	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		30-130%
4165-62-2	Phenol-d5	64%		30-130%
118-79-6	2,4,6-Tribromophenol	69%		30-130%
4165-60-0	Nitrobenzene-d5	58%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	64%		30-130%
1718-51-0	Terphenyl-d14	73%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27602.D	1	05/24/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	116	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	105%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26287.D	1	05/24/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		30-150%
877-09-8	Tetrachloro-m-xylene	88%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%
2051-24-3	Decachlorobiphenyl	60%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.86	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	16.9	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.91	0.34	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	0.49	0.34	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	28.5	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	36.5	2.1	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	40.7	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.10	0.034	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	16.2	3.4	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 0.86	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.43	0.43	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.86	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	30.2	0.86	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	161	1.7	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-4 (9)		
Lab Sample ID:	MC374-4A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	89.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.0076		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	0.011		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	0.013		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53259.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53229.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2	5.35 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.8	ug/kg	
107-13-1	Acrylonitrile	ND	5.8	ug/kg	
71-43-2	Benzene	ND	0.58	ug/kg	
108-86-1	Bromobenzene	ND	5.8	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	ug/kg	
75-25-2	Bromoform	ND	2.3	ug/kg	
74-83-9	Bromomethane	ND	2.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.8	ug/kg	
104-51-8	n-Butylbenzene	ND	5.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.8	ug/kg	
75-15-0	Carbon disulfide	ND	5.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.8	ug/kg	
67-66-3	Chloroform	ND	2.3	ug/kg	
74-87-3	Chloromethane	ND	5.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.8	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.3	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.3	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.3	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.3	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	2.3	ug/kg	
76-13-1	Freon 113	ND	5.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.8	ug/kg	
591-78-6	2-Hexanone	ND	5.8	ug/kg	
98-82-8	Isopropylbenzene	ND	5.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.8	ug/kg	
74-95-3	Methylene bromide	ND	5.8	ug/kg	
75-09-2	Methylene chloride	5.1	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.8	ug/kg	
103-65-1	n-Propylbenzene	ND	5.8	ug/kg	
100-42-5	Styrene	ND	5.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	
108-88-3	Toluene	ND	5.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	ug/kg	
79-01-6	Trichloroethene	ND	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.8	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.8	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	ug/kg	
	m,p-Xylene	ND	2.3	ug/kg	
95-47-6	o-Xylene	ND	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	153% [b]	202% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	126%	131% [b]	70-130%
460-00-4	4-Bromofluorobenzene	126%	114%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72757.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	300	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	590	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	590	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	590	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	590	ug/kg	
95-48-7	2-Methylphenol	ND	590	ug/kg	
106-44-5	4-Methylphenol	ND	590	ug/kg	
88-75-5	2-Nitrophenol	ND	590	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	590	ug/kg	
108-95-2	Phenol	ND	300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	590	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	590	ug/kg	
83-32-9	Acenaphthene	655	300	ug/kg	
208-96-8	Acenaphthylene	ND	300	ug/kg	
62-53-3	Aniline	ND	590	ug/kg	
120-12-7	Anthracene	699	300	ug/kg	
56-55-3	Benzo(a)anthracene	1010	300	ug/kg	
50-32-8	Benzo(a)pyrene	635	300	ug/kg	
205-99-2	Benzo(b)fluoranthene	534	300	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	300	ug/kg	
207-08-9	Benzo(k)fluoranthene	582	300	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	300	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	300	ug/kg	
91-58-7	2-Chloronaphthalene	ND	300	ug/kg	
106-47-8	4-Chloroaniline	ND	590	ug/kg	
86-74-8	Carbazole	352	300	ug/kg	
218-01-9	Chrysene	868	300	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	300	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	300	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	300	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	300	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	590	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	590	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	300	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	300	ug/kg	
132-64-9	Dibenzofuran	306	300	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	300	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	300	ug/kg	
84-66-2	Diethyl phthalate	ND	300	ug/kg	
131-11-3	Dimethyl phthalate	ND	300	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	300	ug/kg	
206-44-0	Fluoranthene	2080	300	ug/kg	
86-73-7	Fluorene	540	300	ug/kg	
118-74-1	Hexachlorobenzene	ND	300	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	590	ug/kg	
67-72-1	Hexachloroethane	ND	300	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	300	ug/kg	
78-59-1	Isophorone	ND	300	ug/kg	
91-57-6	2-Methylnaphthalene	375	300	ug/kg	
88-74-4	2-Nitroaniline	ND	590	ug/kg	
99-09-2	3-Nitroaniline	ND	590	ug/kg	
100-01-6	4-Nitroaniline	ND	590	ug/kg	
91-20-3	Naphthalene	709	300	ug/kg	
98-95-3	Nitrobenzene	ND	300	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	300	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	300	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	590	ug/kg	
85-01-8	Phenanthrene	2230	300	ug/kg	
129-00-0	Pyrene	1860	300	ug/kg	
110-86-1	Pyridine	ND	590	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	590	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	300	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		30-130%
4165-62-2	Phenol-d5	64%		30-130%
118-79-6	2,4,6-Tribromophenol	74%		30-130%
4165-60-0	Nitrobenzene-d5	54%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	64%		30-130%
1718-51-0	Terphenyl-d14	79%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27594.D	1	05/24/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	112	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	124%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26288.D	1	05/24/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	ND	120	ug/kg	
37324-23-5	Aroclor 1262	ND	120	ug/kg	
11100-14-4	Aroclor 1268	ND	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		30-150%
877-09-8	Tetrachloro-m-xylene	84%		30-150%
2051-24-3	Decachlorobiphenyl	61%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.91	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	21.6	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.86	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.36	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	15.8	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	30.3	2.3	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	20.6	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.097	0.039	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	20.7	3.6	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 0.91	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.45	0.45	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.91	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	72.5	0.91	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	105	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-5 (12)		
Lab Sample ID:	MC374-5A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	84.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	0.0068		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	0.015		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	0.30		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53230.D	1	05/23/11	AMY	n/a	n/a	MSP1765
Run #2 [a]	P53260.D	1	05/24/11	AMY	n/a	n/a	MSP1766

	Initial Weight	Final Volume
Run #1	4.90 g	5.0 ml
Run #2	4.25 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	9.4	6.2	ug/kg	
107-13-1	Acrylonitrile	ND	6.2	ug/kg	
71-43-2	Benzene	1.5	0.62	ug/kg	
108-86-1	Bromobenzene	ND	6.2	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.2	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	ug/kg	
591-78-6	2-Hexanone	ND	6.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	ug/kg	
75-09-2	Methylene chloride	18.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.2	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	ug/kg	
100-42-5	Styrene	ND	6.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	
108-88-3	Toluene	ND	6.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	250% [b]	191% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	129%	129%	70-130%
460-00-4	4-Bromofluorobenzene	112%	123%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72758.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	21.0 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	290	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	580	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	580	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	580	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	580	ug/kg	
95-48-7	2-Methylphenol	ND	580	ug/kg	
106-44-5	4-Methylphenol	ND	580	ug/kg	
88-75-5	2-Nitrophenol	ND	580	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	580	ug/kg	
108-95-2	Phenol	ND	290	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	580	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	580	ug/kg	
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
62-53-3	Aniline	ND	580	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	ug/kg	
106-47-8	4-Chloroaniline	ND	580	ug/kg	
86-74-8	Carbazole	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	580	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	580	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
132-64-9	Dibenzofuran	ND	290	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	ug/kg	
84-66-2	Diethyl phthalate	ND	290	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	580	ug/kg	
67-72-1	Hexachloroethane	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
78-59-1	Isophorone	ND	290	ug/kg	
91-57-6	2-Methylnaphthalene	ND	290	ug/kg	
88-74-4	2-Nitroaniline	ND	580	ug/kg	
99-09-2	3-Nitroaniline	ND	580	ug/kg	
100-01-6	4-Nitroaniline	ND	580	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
98-95-3	Nitrobenzene	ND	290	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	580	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	
110-86-1	Pyridine	ND	580	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	580	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		30-130%
4165-62-2	Phenol-d5	70%		30-130%
118-79-6	2,4,6-Tribromophenol	70%		30-130%
4165-60-0	Nitrobenzene-d5	61%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	66%		30-130%
1718-51-0	Terphenyl-d14	57%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27590.D	1	05/24/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	116	20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	98%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26279.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	ND	120	ug/kg	
37324-23-5	Aroclor 1262	ND	120	ug/kg	
11100-14-4	Aroclor 1268	ND	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		30-150%
877-09-8	Tetrachloro-m-xylene	82%		30-150%
2051-24-3	Decachlorobiphenyl	60%		30-150%
2051-24-3	Decachlorobiphenyl	56%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	38.5	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	1.3	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	0.48	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	21.3	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	24.7	2.2	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	23.5	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.10	0.039	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	18.5	3.6	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	1.1	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	0.67	0.45	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	43.6	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	86.6	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-6 (12)		
Lab Sample ID:	MC374-6A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	82.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	0.019		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	0.029		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53261.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2							

	Initial Weight	Final Volume
Run #1	4.04 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	7.0	ug/kg	
107-13-1	Acrylonitrile	ND	7.0	ug/kg	
71-43-2	Benzene	ND	0.70	ug/kg	
108-86-1	Bromobenzene	ND	7.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	ug/kg	
75-25-2	Bromoform	ND	2.8	ug/kg	
74-83-9	Bromomethane	ND	2.8	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.0	ug/kg	
104-51-8	n-Butylbenzene	ND	7.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.0	ug/kg	
75-15-0	Carbon disulfide	ND	7.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	ug/kg	
75-00-3	Chloroethane	ND	7.0	ug/kg	
67-66-3	Chloroform	ND	2.8	ug/kg	
74-87-3	Chloromethane	ND	7.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.8	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.8	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.8	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.8	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.8	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	7.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	ug/kg	
100-41-4	Ethylbenzene	ND	2.8	ug/kg	
76-13-1	Freon 113	ND	7.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.0	ug/kg	
591-78-6	2-Hexanone	ND	7.0	ug/kg	
98-82-8	Isopropylbenzene	ND	7.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.8	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.0	ug/kg	
74-95-3	Methylene bromide	ND	7.0	ug/kg	
75-09-2	Methylene chloride	ND	2.8	ug/kg	
91-20-3	Naphthalene	ND	7.0	ug/kg	
103-65-1	n-Propylbenzene	ND	7.0	ug/kg	
100-42-5	Styrene	ND	7.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	ug/kg	
127-18-4	Tetrachloroethene	ND	2.8	ug/kg	
109-99-9	Tetrahydrofuran	ND	14	ug/kg	
108-88-3	Toluene	ND	7.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	7.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	ug/kg	
79-01-6	Trichloroethene	ND	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	7.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	ug/kg	
	m,p-Xylene	ND	2.8	ug/kg	
95-47-6	o-Xylene	ND	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	126%		70-130%
460-00-4	4-Bromofluorobenzene	106%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72759.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	280	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	560	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	560	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	560	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	560	ug/kg	
95-48-7	2-Methylphenol	ND	560	ug/kg	
106-44-5	4-Methylphenol	ND	560	ug/kg	
88-75-5	2-Nitrophenol	ND	560	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	560	ug/kg	
108-95-2	Phenol	ND	280	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	560	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	560	ug/kg	
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
62-53-3	Aniline	ND	560	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	ug/kg	
106-47-8	4-Chloroaniline	ND	560	ug/kg	
86-74-8	Carbazole	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	560	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	560	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
132-64-9	Dibenzofuran	ND	280	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	ug/kg	
84-66-2	Diethyl phthalate	ND	280	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	ug/kg	
206-44-0	Fluoranthene	ND	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	560	ug/kg	
67-72-1	Hexachloroethane	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
78-59-1	Isophorone	ND	280	ug/kg	
91-57-6	2-Methylnaphthalene	ND	280	ug/kg	
88-74-4	2-Nitroaniline	ND	560	ug/kg	
99-09-2	3-Nitroaniline	ND	560	ug/kg	
100-01-6	4-Nitroaniline	ND	560	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
98-95-3	Nitrobenzene	ND	280	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	560	ug/kg	
85-01-8	Phenanthrene	ND	280	ug/kg	
129-00-0	Pyrene	ND	280	ug/kg	
110-86-1	Pyridine	ND	560	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	560	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		30-130%
4165-62-2	Phenol-d5	72%		30-130%
118-79-6	2,4,6-Tribromophenol	76%		30-130%
4165-60-0	Nitrobenzene-d5	64%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	72%		30-130%
1718-51-0	Terphenyl-d14	87%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27584.D	1	05/23/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	131%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26280.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		30-150%
877-09-8	Tetrachloro-m-xylene	84%		30-150%
2051-24-3	Decachlorobiphenyl	63%		30-150%
2051-24-3	Decachlorobiphenyl	60%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	3.6	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.83	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.36	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	11.1	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	13.1	2.3	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	11.8	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.056	0.038	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	13.9	3.6	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.45	0.45	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	26.1	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	49.9	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-7 (18)		
Lab Sample ID:	MC374-7A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	88.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	0.026		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53262.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	14.3	5.5	ug/kg	
107-13-1	Acrylonitrile	ND	5.5	ug/kg	
71-43-2	Benzene	ND	0.55	ug/kg	
108-86-1	Bromobenzene	ND	5.5	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	ug/kg	
75-25-2	Bromoform	ND	2.2	ug/kg	
74-83-9	Bromomethane	ND	2.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	ug/kg	
75-00-3	Chloroethane	ND	5.5	ug/kg	
67-66-3	Chloroform	ND	2.2	ug/kg	
74-87-3	Chloromethane	ND	5.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.2	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.2	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.2	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	ug/kg	
76-13-1	Freon 113	ND	5.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	ug/kg	
591-78-6	2-Hexanone	ND	5.5	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.2	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.5	ug/kg	
74-95-3	Methylene bromide	ND	5.5	ug/kg	
75-09-2	Methylene chloride	ND	2.2	ug/kg	
91-20-3	Naphthalene	ND	5.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	ug/kg	
100-42-5	Styrene	ND	5.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	ug/kg	
109-99-9	Tetrahydrofuran	ND	11	ug/kg	
108-88-3	Toluene	ND	5.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	ug/kg	
79-01-6	Trichloroethene	ND	2.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	ug/kg	
	m,p-Xylene	ND	2.2	ug/kg	
95-47-6	o-Xylene	ND	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	127%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	127%		70-130%
460-00-4	4-Bromofluorobenzene	105%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72760.D	1	05/24/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	280	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	560	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	560	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	560	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	560	ug/kg	
95-48-7	2-Methylphenol	ND	560	ug/kg	
106-44-5	4-Methylphenol	ND	560	ug/kg	
88-75-5	2-Nitrophenol	ND	560	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	560	ug/kg	
108-95-2	Phenol	ND	280	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	560	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	560	ug/kg	
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
62-53-3	Aniline	ND	560	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	ug/kg	
106-47-8	4-Chloroaniline	ND	560	ug/kg	
86-74-8	Carbazole	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	560	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	560	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
132-64-9	Dibenzofuran	ND	280	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	ug/kg	
84-66-2	Diethyl phthalate	ND	280	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	ug/kg	
206-44-0	Fluoranthene	ND	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	560	ug/kg	
67-72-1	Hexachloroethane	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
78-59-1	Isophorone	ND	280	ug/kg	
91-57-6	2-Methylnaphthalene	ND	280	ug/kg	
88-74-4	2-Nitroaniline	ND	560	ug/kg	
99-09-2	3-Nitroaniline	ND	560	ug/kg	
100-01-6	4-Nitroaniline	ND	560	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
98-95-3	Nitrobenzene	ND	280	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	560	ug/kg	
85-01-8	Phenanthrene	ND	280	ug/kg	
129-00-0	Pyrene	ND	280	ug/kg	
110-86-1	Pyridine	ND	560	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	560	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		30-130%
4165-62-2	Phenol-d5	73%		30-130%
118-79-6	2,4,6-Tribromophenol	75%		30-130%
4165-60-0	Nitrobenzene-d5	68%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	71%		30-130%
1718-51-0	Terphenyl-d14	86%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27576.D	1	05/23/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	106%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26289.D	1	05/24/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		30-150%
877-09-8	Tetrachloro-m-xylene	85%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.88	0.88	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	2.3	0.88	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.92	0.35	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.35	0.35	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	10.6	0.88	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	12.1	2.2	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	5.0	0.88	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.042	0.038	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	14.2	3.5	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 0.88	0.88	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.44	0.44	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.88	0.88	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	21.5	0.88	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	31.0	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-8 (18)		
Lab Sample ID:	MC374-8A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	88.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	0.016		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53263.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2							

	Initial Weight	Final Volume
Run #1	4.28 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.2	6.6	ug/kg	
107-13-1	Acrylonitrile	ND	6.6	ug/kg	
71-43-2	Benzene	ND	0.66	ug/kg	
108-86-1	Bromobenzene	ND	6.6	ug/kg	
75-27-4	Bromodichloromethane	ND	2.7	ug/kg	
75-25-2	Bromoform	ND	2.7	ug/kg	
74-83-9	Bromomethane	ND	2.7	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.6	ug/kg	
104-51-8	n-Butylbenzene	ND	6.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.6	ug/kg	
75-15-0	Carbon disulfide	ND	6.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.6	ug/kg	
67-66-3	Chloroform	ND	2.7	ug/kg	
74-87-3	Chloromethane	ND	6.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	ug/kg	
124-48-1	Dibromochloromethane	ND	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.7	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.7	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.7	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.7	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.7	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.7	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	2.7	ug/kg	
76-13-1	Freon 113	ND	6.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.6	ug/kg	
591-78-6	2-Hexanone	ND	6.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.6	ug/kg	
74-95-3	Methylene bromide	ND	6.6	ug/kg	
75-09-2	Methylene chloride	ND	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.6	ug/kg	
103-65-1	n-Propylbenzene	ND	6.6	ug/kg	
100-42-5	Styrene	ND	6.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	ug/kg	
127-18-4	Tetrachloroethene	ND	2.7	ug/kg	
109-99-9	Tetrahydrofuran	ND	13	ug/kg	
108-88-3	Toluene	ND	6.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.7	ug/kg	
79-01-6	Trichloroethene	ND	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	ug/kg	
75-01-4	Vinyl chloride	ND	2.7	ug/kg	
	m,p-Xylene	ND	2.7	ug/kg	
95-47-6	o-Xylene	ND	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	125%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	125%		70-130%
460-00-4	4-Bromofluorobenzene	105%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72761.D	1	05/24/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.0 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	280	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	ug/kg	
95-48-7	2-Methylphenol	ND	570	ug/kg	
106-44-5	4-Methylphenol	ND	570	ug/kg	
88-75-5	2-Nitrophenol	ND	570	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	570	ug/kg	
108-95-2	Phenol	ND	280	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	ug/kg	
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
62-53-3	Aniline	ND	570	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	ug/kg	
106-47-8	4-Chloroaniline	ND	570	ug/kg	
86-74-8	Carbazole	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
132-64-9	Dibenzofuran	ND	280	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	ug/kg	
84-66-2	Diethyl phthalate	ND	280	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	ug/kg	
206-44-0	Fluoranthene	ND	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	ug/kg	
67-72-1	Hexachloroethane	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
78-59-1	Isophorone	ND	280	ug/kg	
91-57-6	2-Methylnaphthalene	ND	280	ug/kg	
88-74-4	2-Nitroaniline	ND	570	ug/kg	
99-09-2	3-Nitroaniline	ND	570	ug/kg	
100-01-6	4-Nitroaniline	ND	570	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
98-95-3	Nitrobenzene	ND	280	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	570	ug/kg	
85-01-8	Phenanthrene	ND	280	ug/kg	
129-00-0	Pyrene	ND	280	ug/kg	
110-86-1	Pyridine	ND	570	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	570	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		30-130%
4165-62-2	Phenol-d5	74%		30-130%
118-79-6	2,4,6-Tribromophenol	79%		30-130%
4165-60-0	Nitrobenzene-d5	65%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	74%		30-130%
1718-51-0	Terphenyl-d14	92%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27580.D	1	05/23/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	96%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26290.D	1	05/24/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	70%		30-150%
2051-24-3	Decachlorobiphenyl	69%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	2.3	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.95	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.36	0.36	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	10.7	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	11.9	2.2	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	5.5	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.036	0.035	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	14.2	3.6	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.45	0.45	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.90	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	21.7	0.90	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	32.8	1.8	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-8D (18)		
Lab Sample ID:	MC374-9A	**Date Sampled:**	05/17/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	88.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Arsenic	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Vanadium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Prep QC Batch: MP17092
(4) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53264.D	1	05/24/11	AMY	n/a	n/a	MSP1766
Run #2 [a]	P53224.D	1	05/23/11	AMY	n/a	n/a	MSP1765

	Initial Weight	Final Volume
Run #1	4.46 g	5.0 ml
Run #2	11.3 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	6.2	ug/kg	
107-13-1	Acrylonitrile	ND	6.2	ug/kg	
71-43-2	Benzene	ND	0.62	ug/kg	
108-86-1	Bromobenzene	ND	6.2	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	ug/kg	
75-25-2	Bromoform	ND	2.5	ug/kg	
74-83-9	Bromomethane	ND	2.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.2	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	ug/kg	
67-66-3	Chloroform	ND	2.5	ug/kg	
74-87-3	Chloromethane	ND	6.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	6.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	ug/kg	
76-13-1	Freon 113	ND	6.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	ug/kg	
591-78-6	2-Hexanone	ND	6.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	ug/kg	
75-09-2	Methylene chloride	ND	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.2	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	ug/kg	
100-42-5	Styrene	ND	6.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	12	ug/kg	
108-88-3	Toluene	ND	6.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	6.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ug/kg	
79-01-6	Trichloroethene	ND	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	ug/kg	
	m,p-Xylene	ND	2.5	ug/kg	
95-47-6	o-Xylene	ND	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	130%	135% [b]	70-130%

ND = Not detected
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8260B	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	125%	125%	70-130%
460-00-4	4-Bromofluorobenzene	119%	125%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72762.D	1	05/24/11	KR	05/21/11	OP25004	MSI2614
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	270	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	540	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	540	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	540	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	540	ug/kg	
95-48-7	2-Methylphenol	ND	540	ug/kg	
106-44-5	4-Methylphenol	ND	540	ug/kg	
88-75-5	2-Nitrophenol	ND	540	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	ug/kg	
87-86-5	Pentachlorophenol	ND	540	ug/kg	
108-95-2	Phenol	ND	270	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	540	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	540	ug/kg	
83-32-9	Acenaphthene	ND	270	ug/kg	
208-96-8	Acenaphthylene	ND	270	ug/kg	
62-53-3	Aniline	ND	540	ug/kg	
120-12-7	Anthracene	ND	270	ug/kg	
56-55-3	Benzo(a)anthracene	ND	270	ug/kg	
50-32-8	Benzo(a)pyrene	ND	270	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	270	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	270	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	270	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	270	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	270	ug/kg	
91-58-7	2-Chloronaphthalene	ND	270	ug/kg	
106-47-8	4-Chloroaniline	ND	540	ug/kg	
86-74-8	Carbazole	ND	270	ug/kg	
218-01-9	Chrysene	ND	270	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	270	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	270	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	270	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Compound	Result	RL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	270	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	540	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	540	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	270	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	270	ug/kg	
132-64-9	Dibenzofuran	ND	270	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	270	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	270	ug/kg	
84-66-2	Diethyl phthalate	ND	270	ug/kg	
131-11-3	Dimethyl phthalate	ND	270	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	270	ug/kg	
206-44-0	Fluoranthene	ND	270	ug/kg	
86-73-7	Fluorene	ND	270	ug/kg	
118-74-1	Hexachlorobenzene	ND	270	ug/kg	
87-68-3	Hexachlorobutadiene	ND	270	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	540	ug/kg	
67-72-1	Hexachloroethane	ND	270	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	270	ug/kg	
78-59-1	Isophorone	ND	270	ug/kg	
91-57-6	2-Methylnaphthalene	ND	270	ug/kg	
88-74-4	2-Nitroaniline	ND	540	ug/kg	
99-09-2	3-Nitroaniline	ND	540	ug/kg	
100-01-6	4-Nitroaniline	ND	540	ug/kg	
91-20-3	Naphthalene	ND	270	ug/kg	
98-95-3	Nitrobenzene	ND	270	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	270	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	270	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	540	ug/kg	
85-01-8	Phenanthrene	ND	270	ug/kg	
129-00-0	Pyrene	ND	270	ug/kg	
110-86-1	Pyridine	ND	540	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	540	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	270	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		30-130%
4165-62-2	Phenol-d5	73%		30-130%
118-79-6	2,4,6-Tribromophenol	77%		30-130%
4165-60-0	Nitrobenzene-d5	64%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

ABN RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	73%		30-130%
1718-51-0	Terphenyl-d14	89%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27582.D	1	05/23/11	KD	05/21/11	OP25002	GBG941
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	17	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	90%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE26291.D	1	05/24/11	AP	05/21/11	OP25003	GBE1496
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	88%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.87	0.87	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Arsenic	15.3	0.87	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Beryllium	0.63	0.35	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Cadmium	< 0.35	0.35	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Chromium	17.3	0.87	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Copper	21.0	2.2	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Lead	6.9	0.87	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Mercury	0.051	0.032	mg/kg	1	05/23/11	05/23/11	MA	SW846 7471A [2]	SW846 7471A [4]
Nickel	36.3	3.5	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Selenium	< 0.87	0.87	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Silver	< 0.44	0.44	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Thallium	< 0.87	0.87	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Vanadium	151	0.87	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]
Zinc	33.6	1.7	mg/kg	1	05/20/11	05/21/11	DA	SW846 6010C [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA12992
(2) Instrument QC Batch: MA12993
(3) Prep QC Batch: MP17091
(4) Prep QC Batch: MP17093

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-9 (3)		
Lab Sample ID:	MC374-10A	**Date Sampled:**	05/19/11
Matrix:	SO - Soil	**Date Received:**	05/20/11
		Percent Solids:	90.3
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Arsenic	0.028		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 0.0040		0.0040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Copper	< 0.025		0.025	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Lead	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.00020		0.00020	mg/l	1	05/23/11	05/23/11	MA	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 0.040		0.040	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 0.010		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Silver	< 0.0050		0.0050	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 0.0050		0.0050	mg/l	1	05/23/11	05/24/11	DA	SW846 6010C [3]	SW846 3010A [4]
Vanadium	0.67		0.010	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 0.10		0.10	mg/l	1	05/23/11	05/23/11	DA	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA12995
(2) Instrument QC Batch: MA13001
(3) Instrument QC Batch: MA13003
(4) Prep QC Batch: MP17092
(5) Prep QC Batch: MP17097

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody
- RCP Form
- Sample Tracking Chronicle

Parameter Certification Exceptions

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Tetrahydrofuran	109-99-9	**SW846 8260B**	SO	Certified by SOP MMS105/GC-MS
Aroclor 1262	37324-23-5	**SW846 8082**	SO	Certified by SOP MGC204/GC-ECD
Aroclor 1268	11100-14-4	**SW846 8082**	SO	Certified by SOP MGC204/GC-ECD

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FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC 374

Client / Reporting Information

Company Name: SHAW E&I
Street Address: 100 Technology Center Dr.
City: Stoughton State: MA Zip: 02072
Project Contact: Ray Cadorette E-mail:
Phone #: 617-589-6102 (office) 774-571-1183 (cell) Fax #:
Sampler(s) Name(s): Bill Groves Phone #: 443-243-1662

Project Information

Project Name: NRG Middletown
Street: 1866 River Rd
City: Middletown, Ct
Project#: 1009634013
Client PO#: 689715
Project Manager: Ray Cadorette

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MFOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfite	VOC 260 15035 1-40ml (Soil MeOH+2-40ml (GW.B.)	TDT+STLP MET, PCB CTETPH TPT+STLP 8270C 1-500ml	TPH / FREE Liquids 500ml
-1	SDTRENCH-1 (5)		5-17-11	1300	BG	Soil	4					✓	✓		✓	3	1		
-2	SDTRENCH-2 (5)		5-17-11	1310	BG	Soil	4					✓	✓		✓	3	1		
-3	SDTRENCH-3 (9)		5-17-11	1315	BG	Soil	4					✓	✓		✓	3	1		
-4	SDTRENCH-4 (9)		5-17-11	1325	BG	Soil	4					✓	✓		✓	3	1		
-5	SDTRENCH-5 (12)		5-17-11	1330	BG	Soil	4					✓	✓		✓	3	1		
-6	SDTRENCH-6 (12)		5-17-11	1340	BG	Soil	4					✓	✓		✓	3	1		
-7	SDTRENCH-7 (18)		5-17-11	1350	BG	Soil	4					✓	✓		✓	3	1		
-8	SDTRENCH-8 (18)		5-17-11	1400	BG	Soil	4					✓	✓		✓	3	1		
-9	SDTRENCH-8D (18)		5-17-11	1400	BG	Soil	4					✓	✓		✓	3	1		
-10	SDTRENCH-9 (3)		5-19-11	0830	BG	Soil	4					✓	✓		✓	3	1		
~~-11~~	~~ROLLOFF 1-5~~		~~5-19-11~~	~~0930~~	~~BG~~	~~Soil~~	~~1~~					✓						1	JAP canceled
~~-12~~	~~ROLLOFF 6-10~~		~~5-19-11~~	~~1000~~	~~BG~~	~~Soil~~	~~1~~					✓						1	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FR - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

LAB USE ONLY: 13B, 10A5

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

72 hour TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

LAB QUOTE #5 - NRG Account Pricing
QA/QC Reporting Level: CTDEP RCP
Detection levels must meet CT RES DEC and GB PMC Standards
72 hour TAT
Refer to Site Specific QAPP

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By: 1	Relinquished By: 2	Date Time:	Received By: 2
	5-19-11 12:45			5/19/11 16:50	
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Intact / Not intact	Preserved where applicable / On Ice ☑ Cooler Temp. 1.1°

MC374: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC374 **Client:** SHAW **Immediate Client Services Action Required:** No

Date / Time Received: 5/20/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: NRG MIDDLETOWN **No. Coolers:** 1 **Airbill #'s:** N/A

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☐	☐	☑

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC374: Chain of Custody
Page 2 of 2

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: **Accutest New England** **Client:** **Shaw Environmental & Infrastructure**

Project Location: **NRG Middletown 1866 River Rd. Middletown CT** **Project Number:** **1009634013**

Sampling Date(s): **5/17/2011**

Laboratory Sample ID(s): MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10, MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

Methods: Refer to case narrative.

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☐ No ☑
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) Were these reporting limits met?	Yes ☑ No ☐
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes ☐ No ☑
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ☑ No ☐

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Position: Lab Director

Printed Name: Reza Tand Date: 5/31/2011
Accutest New England

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC374-1	Collected: 17-MAY-11 13:00 By: BG		Received: 20-MAY-11 By: SAP			
SDTRENCH-1 (5)						
MC374-1	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-1	SW846 6010C	21-MAY-11 01:11	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-1	SW846 8260B	23-MAY-11 11:47	AMY			V8260RCP
MC374-1	SW846 7471A	23-MAY-11 12:25	MA	23-MAY-11	MA	HG
MC374-1	CT-ETPH 7/06	23-MAY-11 20:36	KD	21-MAY-11	AJ	BCTTPH
MC374-1	SW846 8270C	23-MAY-11 20:48	KR	21-MAY-11	MEW	AB8270RCP
MC374-1	SW846 8082	23-MAY-11 21:51	AP	21-MAY-11	AJ	P8082RCP
MC374-1	SW846 8260B	24-MAY-11 14:49	AMY			V8260RCP
MC374-2	Collected: 17-MAY-11 13:10 By: BG		Received: 20-MAY-11 By: SAP			
SDTRENCH-2 (5)						
MC374-2	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-2	SW846 6010C	21-MAY-11 01:19	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-2	SW846 7471A	23-MAY-11 12:27	MA	23-MAY-11	MA	HG
MC374-2	SW846 8260B	23-MAY-11 15:43	AMY			V8260RCP
MC374-2	SW846 8270C	23-MAY-11 21:19	KR	21-MAY-11	MEW	AB8270RCP
MC374-2	SW846 8082	23-MAY-11 22:14	AP	21-MAY-11	AJ	P8082RCP
MC374-2	CT-ETPH 7/06	24-MAY-11 03:26	KD	21-MAY-11	AJ	BCTTPH
MC374-2	SW846 8260B	24-MAY-11 15:17	AMY			V8260RCP
MC374-3	Collected: 17-MAY-11 13:15 By: BG		Received: 20-MAY-11 By: SAP			
SDTRENCH-3 (9)						
MC374-3	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-3	SW846 6010C	21-MAY-11 01:24	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-3	SW846 7471A	23-MAY-11 12:30	MA	23-MAY-11	MA	HG
MC374-3	SW846 8260B	23-MAY-11 16:11	AMY			V8260RCP
MC374-3	SW846 8270C	23-MAY-11 21:51	KR	21-MAY-11	MEW	AB8270RCP
MC374-3	SW846 8082	23-MAY-11 23:42	AP	21-MAY-11	AJ	P8082RCP
MC374-3	CT-ETPH 7/06	24-MAY-11 00:58	KD	21-MAY-11	AJ	BCTTPH
MC374-3	SW846 8260B	24-MAY-11 15:45	AMY			V8260RCP

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC374-4 Collected: 17-MAY-11 13:25 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-4 (9)						
MC374-4	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-4	SW846 6010C	21-MAY-11 01:37	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-4	SW846 7471A	23-MAY-11 12:32	MA	23-MAY-11	MA	HG
MC374-4	SW846 8260B	23-MAY-11 16:39	AMY			V8260RCP
MC374-4	SW846 8270C	23-MAY-11 22:22	KR	21-MAY-11	MEW	AB8270RCP
MC374-4	SW846 8082	24-MAY-11 01:33	AP	21-MAY-11	AJ	P8082RCP
MC374-4	CT-ETPH 7/06	24-MAY-11 05:18	KD	21-MAY-11	AJ	BCTTPH
MC374-4	SW846 8260B	24-MAY-11 16:13	AMY			V8260RCP
MC374-5 Collected: 17-MAY-11 13:30 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-5 (12)						
MC374-5	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-5	SW846 6010C	21-MAY-11 01:41	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-5	SW846 7471A	23-MAY-11 12:38	MA	23-MAY-11	MA	HG
MC374-5	SW846 8260B	23-MAY-11 17:07	AMY			V8260RCP
MC374-5	SW846 8270C	23-MAY-11 22:54	KR	21-MAY-11	MEW	AB8270RCP
MC374-5	SW846 8082	24-MAY-11 01:55	AP	21-MAY-11	AJ	P8082RCP
MC374-5	CT-ETPH 7/06	24-MAY-11 02:50	KD	21-MAY-11	AJ	BCTTPH
MC374-5	SW846 8260B	24-MAY-11 16:41	AMY			V8260RCP
MC374-6 Collected: 17-MAY-11 13:40 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-6 (12)						
MC374-6	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-6	SW846 6010C	21-MAY-11 01:46	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-6	SW846 7471A	23-MAY-11 12:40	MA	23-MAY-11	MA	HG
MC374-6	SW846 8260B	23-MAY-11 17:35	AMY			V8260RCP
MC374-6	SW846 8082	23-MAY-11 22:36	AP	21-MAY-11	AJ	P8082RCP
MC374-6	SW846 8270C	23-MAY-11 23:25	KR	21-MAY-11	MEW	AB8270RCP
MC374-6	CT-ETPH 7/06	24-MAY-11 01:35	KD	21-MAY-11	AJ	BCTTPH
MC374-6	SW846 8260B	24-MAY-11 17:08	AMY			V8260RCP

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC374-7 Collected: 17-MAY-11 13:50 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-7 (18)						
MC374-7	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-7	SW846 6010C	21-MAY-11 01:50	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-7	SW846 7471A	23-MAY-11 12:42	MA	23-MAY-11	MA	HG
MC374-7	SW846 8082	23-MAY-11 22:58	AP	21-MAY-11	AJ	P8082RCP
MC374-7	CT-ETPH 7/06	23-MAY-11 23:43	KD	21-MAY-11	AJ	BCTTPH
MC374-7	SW846 8270C	23-MAY-11 23:56	KR	21-MAY-11	MEW	AB8270RCP
MC374-7	SW846 8260B	24-MAY-11 17:36	AMY			V8260RCP
MC374-8 Collected: 17-MAY-11 14:00 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-8 (18)						
MC374-8	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-8	SW846 6010C	21-MAY-11 01:55	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-8	SW846 7471A	23-MAY-11 12:45	MA	23-MAY-11	MA	HG
MC374-8	CT-ETPH 7/06	23-MAY-11 21:13	KD	21-MAY-11	AJ	BCTTPH
MC374-8	SW846 8270C	24-MAY-11 00:27	KR	21-MAY-11	MEW	AB8270RCP
MC374-8	SW846 8082	24-MAY-11 02:18	AP	21-MAY-11	AJ	P8082RCP
MC374-8	SW846 8260B	24-MAY-11 18:04	AMY			V8260RCP
MC374-9 Collected: 17-MAY-11 14:00 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-8D (18)						
MC374-9	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-9	SW846 6010C	21-MAY-11 00:14	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-9	SW846 7471A	23-MAY-11 12:03	MA	23-MAY-11	MA	HG
MC374-9	CT-ETPH 7/06	23-MAY-11 22:28	KD	21-MAY-11	AJ	BCTTPH
MC374-9	SW846 8270C	24-MAY-11 00:59	KR	21-MAY-11	MEW	AB8270RCP
MC374-9	SW846 8082	24-MAY-11 02:40	AP	21-MAY-11	AJ	P8082RCP
MC374-9	SW846 8260B	24-MAY-11 18:32	AMY			V8260RCP
MC374-10 Collected: 19-MAY-11 08:30 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-9 (3)						

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC374-10	SM21 2540 B MOD.	20-MAY-11	CF			%SOL
MC374-10	SW846 6010C	21-MAY-11 01:15	DA	20-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC374-10	SW846 7471A	23-MAY-11 12:47	MA	23-MAY-11	MA	HG
MC374-10	SW846 8260B	23-MAY-11 14:48	AMY			V8260RCP
MC374-10	CT-ETPH 7/06	23-MAY-11 23:06	KD	21-MAY-11	AJ	BCTTPH
MC374-10	SW846 8270C	24-MAY-11 01:29	KR	21-MAY-11	MEW	AB8270RCP
MC374-10	SW846 8082	24-MAY-11 03:02	AP	21-MAY-11	AJ	P8082RCP
MC374-10	SW846 8260B	24-MAY-11 19:00	AMY			V8260RCP
MC374-1A Collected: 17-MAY-11 13:00 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-1 (5)						
MC374-1A	SW846 7470A	23-MAY-11 13:43	MA	23-MAY-11	MA	EHG
MC374-1A	SW846 6010C	23-MAY-11 15:56	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,EVA,EZN
MC374-1A	SW846 6010C	24-MAY-11 16:54	DA	23-MAY-11	EM	ETL
MC374-2A Collected: 17-MAY-11 13:10 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-2 (5)						
MC374-2A	SW846 7470A	23-MAY-11 13:46	MA	23-MAY-11	MA	EHG
MC374-2A	SW846 6010C	23-MAY-11 16:06	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC374-3A Collected: 17-MAY-11 13:15 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-3 (9)						
MC374-3A	SW846 7470A	23-MAY-11 13:48	MA	23-MAY-11	MA	EHG
MC374-3A	SW846 6010C	23-MAY-11 16:10	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC374-4A Collected: 17-MAY-11 13:25 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-4 (9)						
MC374-4A	SW846 7470A	23-MAY-11 13:51	MA	23-MAY-11	MA	EHG
MC374-4A	SW846 6010C	23-MAY-11 16:15	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC374-5A Collected: 17-MAY-11 13:30 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-5 (12)						
MC374-5A	SW846 7470A	23-MAY-11 13:53	MA	23-MAY-11	MA	EHG
MC374-5A	SW846 6010C	23-MAY-11 16:19	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC374-6A Collected: 17-MAY-11 13:40 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-6 (12)						
MC374-6A	SW846 7470A	23-MAY-11 13:56	MA	23-MAY-11	MA	EHG
MC374-6A	SW846 6010C	23-MAY-11 16:23	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC374-7A Collected: 17-MAY-11 13:50 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-7 (18)						
MC374-7A	SW846 7470A	23-MAY-11 14:04	MA	23-MAY-11	MA	EHG
MC374-7A	SW846 6010C	23-MAY-11 16:28	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC374-8A Collected: 17-MAY-11 14:00 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-8 (18)						
MC374-8A	SW846 7470A	23-MAY-11 14:07	MA	23-MAY-11	MA	EHG
MC374-8A	SW846 6010C	23-MAY-11 16:32	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC374-9A Collected: 17-MAY-11 14:00 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-8D (18)						
MC374-9A	SW846 7470A	23-MAY-11 13:26	MA	23-MAY-11	MA	EHG
MC374-9A	SW846 6010C	23-MAY-11 15:28	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC374-10A Collected: 19-MAY-11 08:30 By: BG Received: 20-MAY-11 By: SAP SDTRENCH-9 (3)						
MC374-10A	SW846 7470A	23-MAY-11 14:10	MA	23-MAY-11	MA	EHG

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC374

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC374-10A	SW846 6010C	23-MAY-11 16:00	DA	23-MAY-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,EVA,EZN
MC374-10A	SW846 6010C	24-MAY-11 16:58	DA	23-MAY-11	EM	ETL

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1765-MB	P53216.D	1	05/23/11	AMY	n/a	n/a	MSP1765

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-1, MC374-2, MC374-6

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
107-13-1	Acrylonitrile	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1765-MB	P53216.D	1	05/23/11	AMY	n/a	n/a	MSP1765

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-1, MC374-2, MC374-6

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1765-MB	P53216.D	1	05/23/11	AMY	n/a	n/a	MSP1765

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-1, MC374-2, MC374-6

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	118%	70-130%
2037-26-5	Toluene-D8	125%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-MB1	P53244.D	1	05/24/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
107-13-1	Acrylonitrile	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-MB1	P53244.D	1	05/24/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-MB1	P53244.D	1	05/24/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	112%	70-130%
2037-26-5	Toluene-D8	122%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-MB	P53237.D	1	05/23/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MSP1766-BS1

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
107-13-1	Acrylonitrile	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-MB	P53237.D	1	05/23/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MSP1766-BS1

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-MB	P53237.D	1	05/23/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MSP1766-BS1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	117%	70-130%
2037-26-5	Toluene-D8	121%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1765-BS	P53214.D	1	05/23/11	AMY	n/a	n/a	MSP1765

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-1, MC374-2, MC374-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	47.4	95	70-130
107-13-1	Acrylonitrile	50	45.1	90	70-130
71-43-2	Benzene	50	55.8	112	70-130
108-86-1	Bromobenzene	50	61.5	123	70-130
75-27-4	Bromodichloromethane	50	58.8	118	70-130
75-25-2	Bromoform	50	64.2	128	70-130
74-83-9	Bromomethane	50	53.3	107	70-130
78-93-3	2-Butanone (MEK)	50	48.2	96	70-130
104-51-8	n-Butylbenzene	50	56.6	113	70-130
135-98-8	sec-Butylbenzene	50	60.0	120	70-130
98-06-6	tert-Butylbenzene	50	60.5	121	70-130
75-15-0	Carbon disulfide	50	51.7	103	70-130
56-23-5	Carbon tetrachloride	50	61.8	124	70-130
108-90-7	Chlorobenzene	50	58.9	118	70-130
75-00-3	Chloroethane	50	56.8	114	70-130
67-66-3	Chloroform	50	53.8	108	70-130
74-87-3	Chloromethane	50	51.2	102	70-130
95-49-8	o-Chlorotoluene	50	56.5	113	70-130
106-43-4	p-Chlorotoluene	50	60.9	122	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	54.9	110	70-130
124-48-1	Dibromochloromethane	50	61.1	122	70-130
106-93-4	1,2-Dibromoethane	50	58.4	117	70-130
95-50-1	1,2-Dichlorobenzene	50	57.5	115	70-130
541-73-1	1,3-Dichlorobenzene	50	58.5	117	70-130
106-46-7	1,4-Dichlorobenzene	50	57.4	115	70-130
75-71-8	Dichlorodifluoromethane	50	53.9	108	70-130
75-34-3	1,1-Dichloroethane	50	49.7	99	70-130
107-06-2	1,2-Dichloroethane	50	54.8	110	70-130
75-35-4	1,1-Dichloroethene	50	56.6	113	70-130
156-59-2	cis-1,2-Dichloroethene	50	54.5	109	70-130
156-60-5	trans-1,2-Dichloroethene	50	52.9	106	70-130
78-87-5	1,2-Dichloropropane	50	49.3	99	70-130
142-28-9	1,3-Dichloropropane	50	55.7	111	70-130
594-20-7	2,2-Dichloropropane	50	43.6	87	70-130
563-58-6	1,1-Dichloropropene	50	55.3	111	70-130
10061-01-5	cis-1,3-Dichloropropene	50	56.0	112	70-130

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1765-BS	P53214.D	1	05/23/11	AMY	n/a	n/a	MSP1765

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-1, MC374-2, MC374-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	63.9	128	70-130
100-41-4	Ethylbenzene	50	59.5	119	70-130
76-13-1	Freon 113	50	53.4	107	70-130
87-68-3	Hexachlorobutadiene	50	56.3	113	70-130
591-78-6	2-Hexanone	50	47.7	95	70-130
98-82-8	Isopropylbenzene	50	69.5	139* [a]	70-130
99-87-6	p-Isopropyltoluene	50	59.6	119	70-130
1634-04-4	Methyl Tert Butyl Ether	50	58.7	117	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	47.2	94	70-130
74-95-3	Methylene bromide	50	58.3	117	70-130
75-09-2	Methylene chloride	50	49.5	99	70-130
91-20-3	Naphthalene	50	60.0	120	70-130
103-65-1	n-Propylbenzene	50	58.3	117	70-130
100-42-5	Styrene	50	66.0	132* [a]	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	60.9	122	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	51.7	103	70-130
127-18-4	Tetrachloroethene	50	61.9	124	70-130
109-99-9	Tetrahydrofuran	50	43.1	86	70-130
108-88-3	Toluene	50	62.4	125	70-130
110-57-6	Trans-1,4-Dichloro-2-Butene	50	60.8	122	70-130
87-61-6	1,2,3-Trichlorobenzene	50	62.6	125	70-130
120-82-1	1,2,4-Trichlorobenzene	50	56.5	113	70-130
71-55-6	1,1,1-Trichloroethane	50	53.6	107	70-130
79-00-5	1,1,2-Trichloroethane	50	57.1	114	70-130
79-01-6	Trichloroethene	50	59.5	119	70-130
75-69-4	Trichlorofluoromethane	50	55.7	111	70-130
96-18-4	1,2,3-Trichloropropane	50	53.4	107	70-130
95-63-6	1,2,4-Trimethylbenzene	50	62.4	125	70-130
108-67-8	1,3,5-Trimethylbenzene	50	60.5	121	70-130
75-01-4	Vinyl chloride	50	58.3	117	70-130
	m,p-Xylene	100	124	124	70-130
95-47-6	o-Xylene	50	63.7	127	70-130

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1765-BS	P53214.D	1	05/23/11	AMY	n/a	n/a	MSP1765

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-1, MC374-2, MC374-6

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	115%	70-130%
2037-26-5	Toluene-D8	122%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-BS1	P53242.D	1	05/24/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	37.5	75	70-130
107-13-1	Acrylonitrile	50	29.4	59* [a]	70-130
71-43-2	Benzene	50	40.5	81	70-130
108-86-1	Bromobenzene	50	47.3	95	70-130
75-27-4	Bromodichloromethane	50	45.6	91	70-130
75-25-2	Bromoform	50	54.1	108	70-130
74-83-9	Bromomethane	50	33.9	68* [a]	70-130
78-93-3	2-Butanone (MEK)	50	34.6	69* [a]	70-130
104-51-8	n-Butylbenzene	50	48.3	97	70-130
135-98-8	sec-Butylbenzene	50	46.4	93	70-130
98-06-6	tert-Butylbenzene	50	46.0	92	70-130
75-15-0	Carbon disulfide	50	37.4	75	70-130
56-23-5	Carbon tetrachloride	50	47.6	95	70-130
108-90-7	Chlorobenzene	50	48.5	97	70-130
75-00-3	Chloroethane	50	40.1	80	70-130
67-66-3	Chloroform	50	39.6	79	70-130
74-87-3	Chloromethane	50	27.3	55* [a]	70-130
95-49-8	o-Chlorotoluene	50	42.2	84	70-130
106-43-4	p-Chlorotoluene	50	46.4	93	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	48.1	96	70-130
124-48-1	Dibromochloromethane	50	51.9	104	70-130
106-93-4	1,2-Dibromoethane	50	48.3	97	70-130
95-50-1	1,2-Dichlorobenzene	50	46.6	93	70-130
541-73-1	1,3-Dichlorobenzene	50	46.6	93	70-130
106-46-7	1,4-Dichlorobenzene	50	46.6	93	70-130
75-71-8	Dichlorodifluoromethane	50	40.3	81	70-130
75-34-3	1,1-Dichloroethane	50	35.5	71	70-130
107-06-2	1,2-Dichloroethane	50	44.7	89	70-130
75-35-4	1,1-Dichloroethene	50	39.6	79	70-130
156-59-2	cis-1,2-Dichloroethene	50	39.3	79	70-130
156-60-5	trans-1,2-Dichloroethene	50	39.3	79	70-130
78-87-5	1,2-Dichloropropane	50	36.3	73	70-130
142-28-9	1,3-Dichloropropane	50	44.7	89	70-130
594-20-7	2,2-Dichloropropane	50	52.4	105	70-130
563-58-6	1,1-Dichloropropene	50	43.6	87	70-130
10061-01-5	cis-1,3-Dichloropropene	50	43.1	86	70-130

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-BS1	P53242.D	1	05/24/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	49.1	98	70-130
100-41-4	Ethylbenzene	50	48.2	96	70-130
76-13-1	Freon 113	50	40.3	81	70-130
87-68-3	Hexachlorobutadiene	50	51.3	103	70-130
591-78-6	2-Hexanone	50	42.7	85	70-130
98-82-8	Isopropylbenzene	50	51.2	102	70-130
99-87-6	p-Isopropyltoluene	50	47.5	95	70-130
1634-04-4	Methyl Tert Butyl Ether	50	47.3	95	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	37.5	75	70-130
74-95-3	Methylene bromide	50	44.9	90	70-130
75-09-2	Methylene chloride	50	33.8	68* [a]	70-130
91-20-3	Naphthalene	50	56.3	113	70-130
103-65-1	n-Propylbenzene	50	43.8	88	70-130
100-42-5	Styrene	50	54.4	109	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	50.6	101	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	37.1	74	70-130
127-18-4	Tetrachloroethene	50	53.1	106	70-130
109-99-9	Tetrahydrofuran	50	28.8	58* [a]	70-130
108-88-3	Toluene	50	46.2	92	70-130
110-57-6	Trans-1,4-Dichloro-2-Butene	50	53.3	107	70-130
87-61-6	1,2,3-Trichlorobenzene	50	63.1	126	70-130
120-82-1	1,2,4-Trichlorobenzene	50	55.4	111	70-130
71-55-6	1,1,1-Trichloroethane	50	42.5	85	70-130
79-00-5	1,1,2-Trichloroethane	50	41.9	84	70-130
79-01-6	Trichloroethene	50	45.5	91	70-130
75-69-4	Trichlorofluoromethane	50	43.6	87	70-130
96-18-4	1,2,3-Trichloropropane	50	39.9	80	70-130
95-63-6	1,2,4-Trimethylbenzene	50	48.5	97	70-130
108-67-8	1,3,5-Trimethylbenzene	50	45.6	91	70-130
75-01-4	Vinyl chloride	50	39.9	80	70-130
	m,p-Xylene	100	102	102	70-130
95-47-6	o-Xylene	50	52.4	105	70-130

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1766-BS1	P53242.D	1	05/24/11	AMY	n/a	n/a	MSP1766

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC374-3, MC374-4, MC374-5, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	70-130%
2037-26-5	Toluene-D8	116%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Volatile Internal Standard Area Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSP1765-CC1750	**Injection Date:**	05/23/11
Lab File ID:	P53213.D	**Injection Time:**	08:06
Instrument ID:	GCMSP	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	59971	8.50	88435	9.36	44973	12.58	44986	15.13	17060	6.19
Upper Limit [a]	119942	9.00	176870	9.86	89946	13.08	89972	15.63	34120	6.69
Lower Limit [b]	29986	8.00	44218	8.86	22487	12.08	22493	14.63	8530	5.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP1765-BS	60654	8.50	87903	9.35	45101	12.58	42215	15.13	16185	6.19
MSP1765-MB	44672	8.51	61519	9.36	28890	12.58	25300	15.14	12336	6.21
ZZZZZZ	38530	8.51	51951	9.36	19621[c]	12.58	12234[c]	15.14	15520	6.22
MC389-3	41981	8.51	58784	9.36	28285	12.58	24091	15.14	15601	6.22
MC374-1	42497	8.51	56395	9.37	24087	12.59	17510[c]	15.14	18045	6.23
MC374-10 [d]	48488	8.51	66652	9.36	26280	12.58	15280[c]	15.14	21193	6.21
ZZZZZZ	47103	8.51	67992	9.36	31101	12.58	25629	15.14	19468	6.20
MC374-2	32970	8.51	41042[c]	9.36	12910[c]	12.58	6635[c]	15.14	18724	6.22
MC374-3 [d]	33050	8.51	40653[c]	9.36	14089[c]	12.58	7552[c]	15.14	18914	6.21
MC374-4 [d]	40871	8.51	54831	9.36	19969[c]	12.58	10252[c]	15.14	23331	6.21
MC374-5 [d]	26979[c]	8.51	31963[c]	9.36	9637[c]	12.58	5208[c]	15.14	21839	6.22
MC374-6	20715[c]	8.51	23805[c]	9.36	6593[c]	12.58	3408[c]	15.14	19583	6.21
MC389-3MS	55034	8.50	81880	9.35	40928	12.58	44722	15.13	19805	6.19
MC389-3MSD	61093	8.50	87624	9.35	43203	12.58	43859	15.13	21482	6.20

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.
(d) Confirmation run.

Volatile Internal Standard Area Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSP1766-CC1750	**Injection Date:**	05/23/11
Lab File ID:	P53234.D	**Injection Time:**	19:26
Instrument ID:	GCMSP	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	59667	8.50	84746	9.35	39622	12.58	38844	15.13	18595	6.19
Upper Limit [a]	119334	9.00	169492	9.85	79244	13.08	77688	15.63	37190	6.69
Lower Limit [b]	29834	8.00	42373	8.85	19811	12.08	19422	14.63	9298	5.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP1766-BS	58059	8.50	82017	9.35	40608	12.57	40036	15.13	16964	6.19
MSP1766-MB	44146	8.51	61193	9.36	28794	12.58	25866	15.14	13262	6.21
ZZZZZZ	69858	8.50	95733	9.35	48600	12.58	51414	15.14	26393	6.19
ZZZZZZ	55639	8.50	73342	9.36	32558	12.58	30343	15.14	24943	6.21

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSP1766-CC1750	**Injection Date:**	05/24/11
Lab File ID:	P53241.D	**Injection Time:**	08:20
Instrument ID:	GCMSP	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	55037	8.50	77402	9.35	38416	12.58	40853	15.13	15233	6.19
Upper Limit [a]	110074	9.00	154804	9.85	76832	13.08	81706	15.63	30466	6.69
Lower Limit [b]	27519	8.00	38701	8.85	19208	12.08	20427	14.63	7617	5.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP1766-BS1	55380	8.50	77760	9.35	36690	12.57	38571	15.13	15091	6.19
MSP1766-MB1	42781	8.51	57173	9.36	26610	12.58	24674	15.14	13386	6.21
ZZZZZZ	48225	8.51	65726	9.36	30332	12.58	27483	15.14	20251	6.21
MC125-5	43178	8.51	59263	9.36	27888	12.58	25716	15.14	19610	6.22
ZZZZZZ	55989	8.50	78175	9.36	38195	12.58	35128	15.13	21371	6.21
ZZZZZZ	50827	8.51	68432	9.36	31701	12.58	28504	15.14	21658	6.23
MC125-5MS	51606	8.50	75418	9.35	36003	12.58	35940	15.13	22910	6.20
MC125-5MSD	55490	8.50	79034	9.35	39240	12.57	39894	15.13	24466	6.19
ZZZZZZ	33727	8.51	43518	9.36	18032[c]	12.58	13208[c]	15.14	13754	6.22
ZZZZZZ	39641	8.51	54122	9.36	25437	12.58	21104	15.14	17898	6.20
ZZZZZZ	42681	8.51	57813	9.36	27327	12.58	23892	15.14	16581	6.21
MC374-1 [d]	27768	8.51	29687[c]	9.36	9519[c]	12.58	5729[c]	15.14	18809	6.21
MC374-2 [d]	5862[c]	8.51	6704[c]	9.36	2502[c]	12.59	1438[c]	15.15	1174[c]	6.30
MC374-3	40003	8.51	52567	9.36	21881	12.58	12942[c]	15.14	21854	6.21
MC374-4	41490	8.51	57054	9.36	24319	12.58	15864[c]	15.14	18543	6.21
MC374-5	33645	8.51	41982	9.36	13496[c]	12.58	6911[c]	15.14	20532	6.21
MC374-6 [d]	26973[c]	8.51	32803[c]	9.36	9303[c]	12.58	4499[c]	15.14	19476	6.21
MC374-7	43148	8.51	60254	9.36	28287	12.58	22806	15.14	20981	6.20
MC374-8	41622	8.51	57681	9.36	26985	12.58	22607	15.14	19354	6.21
MC374-9	43206	8.51	60667	9.36	29194	12.58	24316	15.14	19932	6.21
MC374-10	41512	8.51	57867	9.36	25067	12.58	16175[c]	15.14	20982	6.21
ZZZZZZ	62177	8.51	86575	9.36	40798	12.58	33863	15.14	18046	6.26
ZZZZZZ	53482	8.50	76949	9.36	39074	12.58	34718	15.13	27125	6.21

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.
(d) Confirmation run.

Volatile Surrogate Recovery Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC374-1	P53255.D	166.0* [a]	135.0* [a]	112.0
MC374-1	P53221.D	127.0	129.0	108.0
MC374-2	P53256.D	135.0* [a]	127.0	114.0
MC374-2	P53226.D	168.0* [a]	128.0	122.0
MC374-3	P53257.D	134.0* [a]	131.0* [a]	130.0
MC374-3	P53227.D	164.0* [a]	130.0	123.0
MC374-4	P53258.D	130.0	124.0	119.0
MC374-4	P53228.D	147.0* [a]	125.0	127.0
MC374-5	P53259.D	153.0* [a]	126.0	126.0
MC374-5	P53229.D	202.0* [a]	131.0* [a]	114.0
MC374-6	P53260.D	191.0* [a]	129.0	123.0
MC374-6	P53230.D	250.0* [a]	129.0	112.0
MC374-7	P53261.D	128.0	126.0	106.0
MC374-8	P53262.D	127.0	127.0	105.0
MC374-9	P53263.D	125.0	125.0	105.0
MC374-10	P53264.D	130.0	125.0	119.0
MC374-10	P53224.D	135.0* [a]	125.0	125.0
MSP1765-BS	P53214.D	115.0	122.0	104.0
MSP1765-MB	P53216.D	118.0	125.0	100.0
MSP1766-BS1	P53242.D	107.0	116.0	98.0
MSP1766-MB1	P53244.D	112.0	122.0	100.0
MSP1766-MB	P53237.D	117.0	121.0	99.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25004-MB	I72749.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	240	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	480	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	480	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	480	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	ug/kg	
95-48-7	2-Methylphenol	ND	480	ug/kg	
106-44-5	4-Methylphenol	ND	480	ug/kg	
88-75-5	2-Nitrophenol	ND	480	ug/kg	
100-02-7	4-Nitrophenol	ND	970	ug/kg	
87-86-5	Pentachlorophenol	ND	480	ug/kg	
108-95-2	Phenol	ND	240	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	480	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	480	ug/kg	
83-32-9	Acenaphthene	ND	240	ug/kg	
208-96-8	Acenaphthylene	ND	240	ug/kg	
62-53-3	Aniline	ND	480	ug/kg	
120-12-7	Anthracene	ND	240	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	240	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	ug/kg	
106-47-8	4-Chloroaniline	ND	480	ug/kg	
86-74-8	Carbazole	ND	240	ug/kg	
218-01-9	Chrysene	ND	240	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	480	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	480	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	240	ug/kg	

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25004-MB	I72749.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Result	RL	Units	Q
53-70-3	Dibenzo(a,h)anthracene	ND	240	ug/kg	
132-64-9	Dibenzofuran	ND	240	ug/kg	
84-74-2	Di-n-butyl phthalate	36.6	240	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	240	ug/kg	
84-66-2	Diethyl phthalate	28.2	240	ug/kg	J
131-11-3	Dimethyl phthalate	ND	240	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	39.1	240	ug/kg	J
206-44-0	Fluoranthene	ND	240	ug/kg	
86-73-7	Fluorene	ND	240	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	480	ug/kg	
67-72-1	Hexachloroethane	ND	240	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	ug/kg	
78-59-1	Isophorone	ND	240	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	ug/kg	
88-74-4	2-Nitroaniline	ND	480	ug/kg	
99-09-2	3-Nitroaniline	ND	480	ug/kg	
100-01-6	4-Nitroaniline	ND	480	ug/kg	
91-20-3	Naphthalene	ND	240	ug/kg	
98-95-3	Nitrobenzene	ND	240	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	ug/kg	
82-68-8	Pentachloronitrobenzene	ND	480	ug/kg	
85-01-8	Phenanthrene	ND	240	ug/kg	
129-00-0	Pyrene	ND	240	ug/kg	
110-86-1	Pyridine	ND	480	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	480	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	76%	30-130%
4165-62-2	Phenol-d5	74%	30-130%
118-79-6	2,4,6-Tribromophenol	77%	30-130%

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25004-MB	I72749.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	67%	30-130%
321-60-8	2-Fluorobiphenyl	72%	30-130%
1718-51-0	Terphenyl-d14	87%	30-130%

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25004-BS	I72750.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	4960	3270	66	30-130
59-50-7	4-Chloro-3-methyl phenol	4960	3670	74	30-130
120-83-2	2,4-Dichlorophenol	4960	3230	65	30-130
105-67-9	2,4-Dimethylphenol	4960	3310	67	30-130
51-28-5	2,4-Dinitrophenol	4960	3570	72	30-130
534-52-1	4,6-Dinitro-o-cresol	4960	4220	85	30-130
95-48-7	2-Methylphenol	4960	3440	69	30-130
106-44-5	4-Methylphenol	9930	8890	90	30-130
88-75-5	2-Nitrophenol	4960	3310	67	30-130
100-02-7	4-Nitrophenol	4960	3940	79	30-130
87-86-5	Pentachlorophenol	4960	4360	88	30-130
108-95-2	Phenol	4960	3200	64	30-130
95-95-4	2,4,5-Trichlorophenol	4960	3520	71	30-130
88-06-2	2,4,6-Trichlorophenol	4960	3500	71	30-130
83-32-9	Acenaphthene	2480	1610	65	40-140
208-96-8	Acenaphthylene	2480	1390	56	40-140
62-53-3	Aniline	2480	2010	81	40-140
120-12-7	Anthracene	2480	1700	69	40-140
56-55-3	Benzo(a)anthracene	2480	1960	79	40-140
50-32-8	Benzo(a)pyrene	2480	1630	66	40-140
205-99-2	Benzo(b)fluoranthene	2480	1740	70	40-140
191-24-2	Benzo(g,h,i)perylene	2480	2140	86	40-140
207-08-9	Benzo(k)fluoranthene	2480	1800	73	40-140
101-55-3	4-Bromophenyl phenyl ether	2480	1800	73	40-140
85-68-7	Butyl benzyl phthalate	2480	1990	80	40-140
91-58-7	2-Chloronaphthalene	2480	1590	64	40-140
106-47-8	4-Chloroaniline	2480	1320	53	40-140
86-74-8	Carbazole	2480	1760	71	40-140
218-01-9	Chrysene	2480	1810	73	40-140
111-91-1	bis(2-Chloroethoxy)methane	2480	1480	60	40-140
111-44-4	bis(2-Chloroethyl)ether	2480	1480	60	40-140
108-60-1	bis(2-Chloroisopropyl)ether	2480	1580	64	40-140
7005-72-3	4-Chlorophenyl phenyl ether	2480	1740	70	40-140
121-14-2	2,4-Dinitrotoluene	2480	1810	73	40-140
606-20-2	2,6-Dinitrotoluene	2480	1700	69	40-140
91-94-1	3,3'-Dichlorobenzidine	2480	1600	64	40-140

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25004-BS	I72750.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
53-70-3	Dibenzo(a,h)anthracene	2480	2080	84	40-140
132-64-9	Dibenzofuran	2480	1580	64	40-140
84-74-2	Di-n-butyl phthalate	2480	1900	77	40-140
117-84-0	Di-n-octyl phthalate	2480	2230	90	40-140
84-66-2	Diethyl phthalate	2480	1910	77	40-140
131-11-3	Dimethyl phthalate	2480	1740	70	40-140
117-81-7	bis(2-Ethylhexyl)phthalate	2480	2000	81	40-140
206-44-0	Fluoranthene	2480	1820	73	40-140
86-73-7	Fluorene	2480	1730	70	40-140
118-74-1	Hexachlorobenzene	2480	1680	68	40-140
87-68-3	Hexachlorobutadiene	2480	1470	59	40-140
77-47-4	Hexachlorocyclopentadiene	2480	1030	42	40-140
67-72-1	Hexachloroethane	2480	1500	60	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2480	2130	86	40-140
78-59-1	Isophorone	2480	1410	57	40-140
91-57-6	2-Methylnaphthalene	2480	1530	62	40-140
88-74-4	2-Nitroaniline	2480	1810	73	40-140
99-09-2	3-Nitroaniline	2480	1620	65	40-140
100-01-6	4-Nitroaniline	2480	1770	71	40-140
91-20-3	Naphthalene	2480	1540	62	40-140
98-95-3	Nitrobenzene	2480	1390	56	40-140
621-64-7	N-Nitroso-di-n-propylamine	2480	1590	64	40-140
86-30-6	N-Nitrosodiphenylamine	2480	1760	71	40-140
82-68-8	Pentachloronitrobenzene	2480	2000	81	40-140
85-01-8	Phenanthrene	2480	1720	69	40-140
129-00-0	Pyrene	2480	1940	78	40-140
110-86-1	Pyridine	2480	1110	45	40-140
95-94-3	1,2,4,5-Tetrachlorobenzene	2480	1490	60	40-140
120-82-1	1,2,4-Trichlorobenzene	2480	1430	58	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	66%	30-130%
4165-62-2	Phenol-d5	64%	30-130%
118-79-6	2,4,6-Tribromophenol	73%	30-130%

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25004-BS	I72750.D	1	05/23/11	KR	05/21/11	OP25004	MSI2614

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	59%	30-130%
321-60-8	2-Fluorobiphenyl	65%	30-130%
1718-51-0	Terphenyl-d14	83%	30-130%

Semivolatile Internal Standard Area Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSI2614-CC2552	**Injection Date:**	05/23/11
Lab File ID:	I72748.D	**Injection Time:**	18:08
Instrument ID:	GCMSI	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	144643	5.27	535402	6.55	276653	8.97	439844	11.48	329490	16.42	341681	18.96
Upper Limit [a]	289286	5.77	1070804	7.05	553306	9.47	879688	11.98	658980	16.92	683362	19.46
Lower Limit [b]	72322	4.77	267701	6.05	138327	8.47	219922	10.98	164745	15.92	170841	18.46

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP25004-MB	128074	5.26	480720	6.54	251309	8.96	403316	11.47	322178	16.42	264012	18.95
OP25004-BS	151068	5.26	565402	6.55	295554	8.97	473761	11.48	343554	16.42	296896	18.96
OP25004-MS	161084	5.26	599315	6.55	313578	8.97	492914	11.48	334677	16.42	389109	18.96
OP25004-MSD	138902	5.26	522534	6.55	271486	8.97	414097	11.48	292850	16.42	356298	18.96
MC374-1	125463	5.26	467586	6.54	246153	8.96	386574	11.47	295839	16.42	241943	18.95
MC374-2	136335	5.26	503590	6.54	261776	8.96	411158	11.47	297242	16.42	263790	18.95
MC374-3	151594	5.26	570561	6.54	296111	8.96	478326	11.47	326767	16.42	313139	18.96
MC374-4	166216	5.26	613882	6.54	319227	8.96	492161	11.47	333658	16.42	371959	18.96
MC374-5	146851	5.26	556520	6.54	292919	8.96	456349	11.47	300052	16.42	387594	18.96
MC374-6	124376	5.26	471520	6.54	246649	8.96	388548	11.47	266235	16.42	255512	18.95
MC374-7	119692	5.26	453041	6.54	235183	8.96	377122	11.47	277014	16.42	257681	18.95
MC374-8	154342	5.26	575959	6.54	300297	8.96	467403	11.47	336832	16.42	320856	18.96
MC374-9	135788	5.26	510604	6.54	264266	8.96	402203	11.47	285108	16.42	266955	18.95
MC374-10	134563	5.26	502108	6.54	258747	8.96	404896	11.47	280123	16.42	262812	18.95
ZZZZZZ	136726	5.26	511831	6.54	264381	8.96	413943	11.47	311258	16.42	288850	18.96
ZZZZZZ	133980	5.26	488934	6.54	257993	8.96	402394	11.47	298736	16.42	281801	18.96
MC356-2	150718	5.26	563174	6.54	284500	8.96	428374	11.47	308954	16.42	414218	18.96
ZZZZZZ	154674	5.26	575065	6.54	295786	8.96	444150	11.47	295152	16.42	350008	18.96
ZZZZZZ	132904	5.26	498650	6.54	255975	8.96	389720	11.47	279176	16.42	337908	18.96
ZZZZZZ	198406	5.26	743572	6.54	377278	8.96	558701	11.47	351940	16.42	379793	18.96
ZZZZZZ	166647	5.26	614100	6.54	320311	8.96	486023	11.47	323115	16.42	352523	18.96

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Surrogate Recovery Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
MC374-1	I72753.D	67.0	64.0	60.0	60.0	64.0	57.0
MC374-2	I72754.D	58.0	57.0	71.0	51.0	59.0	78.0
MC374-3	I72755.D	65.0	63.0	68.0	56.0	63.0	76.0
MC374-4	I72756.D	65.0	64.0	69.0	58.0	64.0	73.0
MC374-5	I72757.D	63.0	64.0	74.0	54.0	64.0	79.0
MC374-6	I72758.D	72.0	70.0	70.0	61.0	66.0	57.0
MC374-7	I72759.D	73.0	72.0	76.0	64.0	72.0	87.0
MC374-8	I72760.D	76.0	73.0	75.0	68.0	71.0	86.0
MC374-9	I72761.D	75.0	74.0	79.0	65.0	74.0	92.0
MC374-10	I72762.D	74.0	73.0	77.0	64.0	73.0	89.0
OP25004-BS	I72750.D	66.0	64.0	73.0	59.0	65.0	83.0
OP25004-MB	I72749.D	76.0	74.0	77.0	67.0	72.0	87.0

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	30-130%
S2 = Phenol-d5	30-130%
S3 = 2,4,6-Tribromophenol	30-130%
S4 = Nitrobenzene-d5	30-130%
S5 = 2-Fluorobiphenyl	30-130%
S6 = Terphenyl-d14	30-130%

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25002-MB	BG27564.D	1	05/23/11	KD	05/21/11	OP25002	GBG941

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	7.01	16	mg/kg	J

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	106%	50-137%

Method Blank Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25003-MB	BE26274.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496

The QC reported here applies to the following samples: **Method:** SW846 8082

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	
37324-23-5	Aroclor 1262	ND	100	ug/kg	
11100-14-4	Aroclor 1268	ND	100	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	70%	30-150%
877-09-8	Tetrachloro-m-xylene	74%	30-150%
2051-24-3	Decachlorobiphenyl	51%	30-150%
2051-24-3	Decachlorobiphenyl	49%	30-150%

Blank Spike Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25002-BS	BG27566.D	1	05/23/11	KD	05/21/11	OP25002	GBG941

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	CT-ETPH (C9-C36)	46.4	38.5	83	60-120

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	106%	50-137%

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25003-BS	BE26275.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496
OP25003-BSD	BE26276.D	1	05/23/11	AP	05/21/11	OP25003	GBE1496

The QC reported here applies to the following samples: **Method:** SW846 8082

MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	263	190	72	215	81	12	40-140/30
11104-28-2	Aroclor 1221		ND		ND		nc	40-140/30
11141-16-5	Aroclor 1232		ND		ND		nc	40-140/30
53469-21-9	Aroclor 1242		ND		ND		nc	40-140/30
12672-29-6	Aroclor 1248		ND		ND		nc	40-140/30
11097-69-1	Aroclor 1254		ND		ND		nc	40-140/30
11096-82-5	Aroclor 1260	263	177	67	205	77	15	40-140/30
37324-23-5	Aroclor 1262		ND		ND		nc	40-140/30
11100-14-4	Aroclor 1268		ND		ND		nc	40-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	70%	75%	30-150%
877-09-8	Tetrachloro-m-xylene	78%	86%	30-150%
2051-24-3	Decachlorobiphenyl	53%	63%	30-150%
2051-24-3	Decachlorobiphenyl	51%	58%	30-150%

Semivolatile Surrogate Recovery Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: CT-ETPH 7/06 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC374-1	BG27574.D	102.0
MC374-2	BG27596.D	107.0
MC374-3	BG27588.D	108.0
MC374-4	BG27602.D	105.0
MC374-5	BG27594.D	124.0
MC374-6	BG27590.D	98.0
MC374-7	BG27584.D	131.0
MC374-8	BG27576.D	106.0
MC374-9	BG27580.D	96.0
MC374-10	BG27582.D	90.0
OP25002-BS	BG27566.D	106.0
OP25002-MB	BG27564.D	106.0

Surrogate Compounds	Recovery Limits
S1 = 1-Chlorooctadecane	50-137%

(a) Recovery from GC signal #1

Semivolatile Surrogate Recovery Summary

Job Number: MC374
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8082 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC374-1	BE26277.D	70.0	76.0	58.0	54.0
MC374-2	BE26278.D	68.0	80.0	58.0	56.0
MC374-3	BE26282.D	70.0	74.0	58.0	58.0
MC374-4	BE26287.D	70.0	88.0	58.0	60.0
MC374-5	BE26288.D	74.0	84.0	61.0	62.0
MC374-6	BE26279.D	71.0	82.0	60.0	56.0
MC374-7	BE26280.D	74.0	84.0	63.0	60.0
MC374-8	BE26289.D	76.0	85.0	65.0	65.0
MC374-9	BE26290.D	81.0	89.0	70.0	69.0
MC374-10	BE26291.D	82.0	88.0	68.0	68.0
OP25003-BS	BE26275.D	70.0	78.0	53.0	51.0
OP25003-BSD	BE26276.D	75.0	86.0	63.0	58.0
OP25003-MB	BE26274.D	70.0	74.0	51.0	49.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 05/20/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.9	2.6		
Antimony	1.0	.097	.11	0.030	<1.0
Arsenic	1.0	.096	.11	0.10	<1.0
Barium	5.0	.037	.1		
Beryllium	0.40	.023	.026	0.0	<0.40
Boron	10	.045	.06		
Cadmium	0.40	.014	.017	-0.010	<0.40
Calcium	500	1.1	1.6		
Chromium	1.0	.06	.076	0.050	<1.0
Cobalt	5.0	.016	.015		
Copper	2.5	.11	.15	0.070	<2.5
Gold	5.0	.16	.21		
Iron	10	.67	.84		
Lead	1.0	.094	.15	0.0	<1.0
Magnesium	500	5.5	5.6		
Manganese	1.5	.011	.017		
Molybdenum	10	.03	.036		
Nickel	4.0	.019	.076	-0.010	<4.0
Palladium	5.0	.29	.31		
Platinum	5.0	.72	.76		
Potassium	500	4.6	6.4		
Selenium	1.0	.15	.18	-0.060	<1.0
Silicon	10	.14	.21		
Silver	0.50	.077	.11	0.0	<0.50
Sodium	500	1.9	2		
Strontium	1.0	.019	.035		
Thallium	1.0	.067	.11	-0.040	<1.0
Tin	10	.039	.049		
Titanium	5.0	.059	.061		
Tungsten	10	.89	1.3		
Vanadium	1.0	.084	.14	-0.050	<1.0
Zinc	2.0	.03	.11	0.15	<2.0

Associated samples MP17091: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:				05/20/11				05/20/11	
Metal	MC374-9 Original	MS	Spikelot MPICP	% Rec	QC Limits	MC374-9 Original	DUP	RPD	QC Limits
Aluminum									
Antimony	0.0	18.4	45.4	40.6 (a)	75-125	0.0	0.0	NC	0-20
Arsenic	2.3	42.0	45.4	87.5	75-125	2.3	2.4	4.3	0-20
Barium	anr								
Beryllium	0.95	40.8	45.4	87.9	75-125	0.95	0.90	5.4	0-20
Boron									
Cadmium	0.054	41.9	45.4	92.3	75-125	0.054	0.063	15.4	0-20
Calcium									
Chromium	10.7	50.9	45.4	88.6	75-125	10.7	10.2	4.8	0-20
Cobalt									
Copper	11.9	62.4	45.4	111.4	75-125	11.9	13.2	10.4	0-20
Gold									
Iron									
Lead	5.5	82.3	90.7	84.7	75-125	5.5	6.7	19.7	0-20
Magnesium									
Manganese									
Molybdenum									
Nickel	14.2	54.7	45.4	89.3	75-125	14.2	13.4	5.8	0-20
Palladium									
Platinum									
Potassium									
Selenium	0.0	39.3	45.4	86.7	75-125	0.0	0.0	NC	0-20
Silicon									
Silver	0.0	16.7	18.1	92.1	75-125	0.0	0.0	NC	0-20
Sodium									
Strontium									
Thallium	0.0	39.1	45.4	86.2	75-125	0.0	0.0	NC	0-20
Tin									
Titanium									
Tungsten									
Vanadium	21.7	63.7	45.4	92.6	75-125	21.7	21.0	3.3	0-20
Zinc	32.8	74.6	45.4	92.2	75-125	32.8	33.3	1.5	0-20

Associated samples MP17091: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			05/20/11					05/20/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	49.9	50	99.8	80-120	49.3	50	98.6	1.2	20
Arsenic	50.0	50	100.0	80-120	49.4	50	98.8	1.2	20
Barium	anr								
Beryllium	49.0	50	98.0	80-120	48.2	50	96.4	1.6	20
Boron									
Cadmium	51.7	50	103.4	80-120	51.1	50	102.2	1.2	20
Calcium									
Chromium	50.0	50	100.0	80-120	49.7	50	99.4	0.6	20
Cobalt									
Copper	49.0	50	98.0	80-120	48.0	50	96.0	2.1	20
Gold									
Iron									
Lead	95.9	100	95.9	80-120	95.0	100	95.0	0.9	20
Magnesium									
Manganese									
Molybdenum									
Nickel	50.5	50	101.0	80-120	50.0	50	100.0	1.0	20
Palladium									
Platinum									
Potassium									
Selenium	50.2	50	100.4	80-120	49.5	50	99.0	1.4	20
Silicon									
Silver	20.6	20	103.0	80-120	20.3	20	101.5	1.5	20
Sodium									
Strontium									
Thallium	49.8	50	99.6	80-120	49.3	50	98.6	1.0	20
Tin									
Titanium									
Tungsten									
Vanadium	51.5	50	103.0	80-120	51.1	50	102.2	0.8	20
Zinc	51.2	50	102.4	80-120	50.8	50	101.6	0.8	20

Associated samples MP17091: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.1.3

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SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 05/20/11

Metal	LCS Result	Spikelot MPLCS71	% Rec	QC Limits
Aluminum				
Antimony	67.8	98	69.2	10-215
Arsenic	129	137	94.2	83-118
Barium	anr			
Beryllium	130	138	94.2	84-116
Boron				
Cadmium	81.9	85	96.4	84-116
Calcium				
Chromium	154	168	91.7	82-118
Cobalt				
Copper	178	187	95.2	84-117
Gold				
Iron				
Lead	109	120	90.8	83-117
Magnesium				
Manganese				
Molybdenum				
Nickel	151	159	95.0	84-116
Palladium				
Platinum				
Potassium				
Selenium	42.0	43.5	96.6	78-122
Silicon				
Silver	55.3	55.2	100.2	66-134
Sodium				
Strontium				
Thallium	141	146	96.6	82-119
Tin				
Titanium				
Tungsten				
Vanadium	131	138	94.9	80-120
Zinc	194	206	94.2	82-118

Associated samples MP17091: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/20/11

Metal	MC374-9 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	0.00	0.00	NC	0-10
Arsenic	25.6	27.9	9.0	0-10
Barium	anr			
Beryllium	10.6	11.1	4.7	0-10
Boron				
Cadmium	0.600	0.00	100.0(a)	0-10
Calcium				
Chromium	119	125	5.4	0-10
Cobalt				
Copper	132	139	5.1	0-10
Gold				
Iron				
Lead	61.1	69.4	13.6 (b)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	158	172	8.7	0-10
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	242	254	5.1	0-10
Zinc	364	400	9.9	0-10

Associated samples MP17091: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
(b) Serial dilution indicates possible matrix interference.

POST DIGESTATE SPIKE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/20/11

Metal	Sample ml	Final ml	MC374-9 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	9.9	10	0	0	18	.1	2	20	90.0	-
Arsenic										
Barium										
Beryllium										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Gold										
Iron										
Lead										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17091: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

POST DIGESTATE SPIKE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17091
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 05/23/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.019	.04		
Antimony	0.0060	.00097	.002	0.00080	<0.0060
Arsenic	0.010	.00096	.0011	-0.00070	<0.010
Barium	0.50	.00037	.0005		
Beryllium	0.0040	.00023	.00024	0.0	<0.0040
Boron	0.10	.00045	.0018		
Cadmium	0.0040	.00014	.00017	0.00010	<0.0040
Calcium	5.0	.011	.022		
Chromium	0.010	.0006	.0006	0.0	<0.010
Cobalt	0.050	.00016	.00022		
Copper	0.025	.0011	.0025	0.00020	<0.025
Gold	0.050	.0016	.0029		
Iron	0.10	.0067	.0085		
Lead	0.010	.00094	.0014	0.00030	<0.010
Magnesium	5.0	.055	.11		
Manganese	0.015	.00011	.00043		
Molybdenum	0.10	.0003	.00036		
Nickel	0.040	.00019	.00035	0.00010	<0.040
Palladium	0.050	.0029	.0034		
Platinum	0.050	.0072	.015		
Potassium	5.0	.046	.052		
Selenium	0.010	.0015	.0016	0.00060	<0.010
Silicon	0.10	.0014	.018		
Silver	0.0050	.00077	.001	-0.00050	<0.0050
Sodium	5.0	.019	.041		
Strontium	0.010	.00019	.00038		
Thallium	0.0050	.00067	.00088	-0.0015	<0.0050
Tin	0.10	.00039	.00047		
Titanium	0.050	.00059	.001		
Tungsten	0.10	.0089	.013		
Vanadium	0.010	.00084	.0015	0.00080	<0.010
Zinc	0.10	.0003	.00061	0.00040	<0.10

Associated samples MP17092: MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:				05/23/11				05/23/11	
Metal	MC374-9A Original	MS	Spikelot MPICP	% Rec	QC Limits	MC374-9A Original	DUP	RPD	QC Limits
Aluminum									
Antimony	0.0018	0.52	0.50	103.6	75-125	0.0018	0.0021	15.4	0-20
Arsenic	0.0	0.51	0.50	102.0	75-125	0.0	0.0	NC	0-20
Barium	anr								
Beryllium	0.00030	0.48	0.50	95.9	75-125	0.00030	0.00030	0.0	0-20
Boron									
Cadmium	0.0	0.55	0.50	110.0	75-125	0.0	0.00020	200.0(a)	0-20
Calcium									
Chromium	0.0022	0.50	0.50	99.6	75-125	0.0022	0.0022	0.0	0-20
Cobalt									
Copper	0.0032	0.51	0.50	101.4	75-125	0.0032	0.0031	3.2	0-20
Gold									
Iron									
Lead	0.0017	0.99	1.0	98.8	75-125	0.0017	0.0013	26.7 (a)	0-20
Magnesium									
Manganese									
Molybdenum									
Nickel	0.0030	0.52	0.50	103.4	75-125	0.0030	0.0030	0.0	0-20
Palladium									
Platinum									
Potassium									
Selenium	0.0	0.53	0.50	106.0	75-125	0.0	0.0015	200.0(a)	0-20
Silicon									
Silver	0.0	0.21	0.20	105.0	75-125	0.0	0.0	NC	0-20
Sodium									
Strontium									
Thallium	0.0	0.52	0.50	104.0	75-125	0.0	0.0	NC	0-20
Tin									
Titanium									
Tungsten									
Vanadium	0.0085	0.51	0.50	100.3	75-125	0.0085	0.0080	6.1	0-20
Zinc	0.0057	0.56	0.50	110.9	75-125	0.0057	0.0060	5.1	0-20

Associated samples MP17092: MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:			05/23/11					05/23/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	0.52	0.50	104.0	80-120	0.52	0.50	104.0	0.0	20
Arsenic	0.51	0.50	102.0	80-120	0.50	0.50	100.0	2.0	20
Barium	anr								
Beryllium	0.49	0.50	98.0	80-120	0.49	0.50	98.0	0.0	20
Boron									
Cadmium	0.55	0.50	110.0	80-120	0.55	0.50	110.0	0.0	20
Calcium									
Chromium	0.50	0.50	100.0	80-120	0.49	0.50	98.0	2.0	20
Cobalt									
Copper	0.50	0.50	100.0	80-120	0.50	0.50	100.0	0.0	20
Gold									
Iron									
Lead	1.0	1.0	100.0	80-120	1.0	1.0	100.0	0.0	20
Magnesium									
Manganese									
Molybdenum									
Nickel	0.52	0.50	104.0	80-120	0.52	0.50	104.0	0.0	20
Palladium									
Platinum									
Potassium									
Selenium	0.53	0.50	106.0	80-120	0.53	0.50	106.0	0.0	20
Silicon									
Silver	0.21	0.20	105.0	80-120	0.20	0.20	100.0	4.9	20
Sodium									
Strontium									
Thallium	0.52	0.50	104.0	80-120	0.52	0.50	104.0	0.0	20
Tin									
Titanium									
Tungsten									
Vanadium	0.50	0.50	100.0	80-120	0.50	0.50	100.0	0.0	20
Zinc	0.56	0.50	112.0	80-120	0.56	0.50	112.0	0.0	20

Associated samples MP17092: MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/23/11

Metal	MC374-9A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	1.80	5.20	188.9(a)	0-10
Arsenic	0.00	0.00	NC	0-10
Barium	anr			
Beryllium	0.300	0.00	100.0(a)	0-10
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	2.20	0.00	100.0(a)	0-10
Cobalt				
Copper	3.20	0.00	100.0(a)	0-10
Gold				
Iron				
Lead	1.70	0.00	100.0(a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	3.00	3.80	26.7 (a)	0-10
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	8.50	12.4	45.9 (a)	0-10
Zinc	5.70	6.50	14.0 (a)	0-10

Associated samples MP17092: MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17092
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17093
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/23/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.004	.0058	0.015	<0.033

Associated samples MP17093: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17093
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date:			05/23/11					05/23/11	
Metal	MC374-9 Original	MS	Spikelot HGRWS1	% Rec	QC Limits	MC374-9 Original	DUP	RPD	QC Limits
Mercury	0.036	0.54	0.549	91.9	75-125	0.036	0.039	8.0	0-20

Associated samples MP17093: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17093 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 05/23/11 05/23/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS72	% Rec	QC Limits
Mercury	0.51	0.5	102.0	80-120	9.9	8.78	112.8	50-146

Associated samples MP17093: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17093
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/23/11

Metal	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.54	0.5	108.0	5.7	30

Associated samples MP17093: MC374-1, MC374-2, MC374-3, MC374-4, MC374-5, MC374-6, MC374-7, MC374-8, MC374-9, MC374-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

8.3.3

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BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17097
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 05/23/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000018	.000029	0.000013	<0.00020

Associated samples MP17097: MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17097
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 05/23/11 05/23/11

Metal	MC374-9A Original MS		Spikelot HGRWS1	% Rec	QC Limits	MC374-9A Original DUP		RPD	QC Limits
Mercury	0.000020	0.0031	0.0030	102.7	75-125	0.000020	0.0	200.0(a)	0-20

Associated samples MP17097: MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC374
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17097
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 05/23/11 05/23/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.0030	0.0030	100.0	80-120	0.0029	0.0030	96.7	3.4	

Associated samples MP17097: MC374-1A, MC374-2A, MC374-3A, MC374-4A, MC374-5A, MC374-6A, MC374-7A, MC374-8A, MC374-9A, MC374-10A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Data Validation Worksheet

Project Name : NRG Middletown, CT
Validated By: Kim Napier

Job Number : 1009634013
Date 07/20/11
Date: 7/18/2011

Analyte Group :

VOC	EPA 8260B
SVOC-SVOC SPLP	EPA 8270C
Extractable Total Petroleum Hydrocarbons	CT ETPH
PCB	EPA 8082
Metals - Total and SPLP	EPA 6010C
Mercury-Soil	EPA 7471A
Percent Solids	EPA 2540B

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes
*Questions 4, and 6 were answered No

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC446

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time : All Holding times were met.

Method	Extraction	Analysis	Collection Date	Extraction date	Analyzed Date
VOC/8260B	NA	14 Days	5/20-5/23/2011	NA	5/26-5/27/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/20-5/23/2011	5/25/2011	5/26,5/27/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/20-5/23/2011	5/25,5/31/2011	5/26,5/27,6/1/2011
PCB/8082	7 days (water) 14 days (soil)	40 days	5/20-5/23/2011	5/25/2011	5/26/2011
Metals/6010C	NA	6 months	5/20-5/23/2011	NA	5/25/2011
Mercury/7471A	NA	28 days	5/20-5/23/2011	NA	5/25/2011
Wet Chem/2540B	NA	28 days	5/20-5/23/2011	NA	5/24/2011

Sample Collection Date : 5/20, 5/23/2011

Sample temperature above QC limit: No (1.9°)

Surrogate Recovery
Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC446-1, MC446-2, MC446-3, MC446-5 , MC446-10, MC446-11, MC446-12, MC446-13 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Qualify detects J for MC446-5, MC446-10, MC446-11, MC446-12, and MC446-13
MC446-1, MC446-5 , MC446-10, MC446-12, MC446-13 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Qualify detects J for MC446-5, MC446-10, MC446-12, and MC446-13
MC446-10, MC446-14 for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Qualify detects J for MC446-10

Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
No qualification necessary

Surrogate Allowable Ranges for GC VOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC446-12 for 1-Chlorooctadecane: Outside control limits due to possible matrix interference. Confirmed by reextraction and reanalysis.
Qualify J for noted sample
Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: NA

MS/MSD

Are all MS/MSD sample recoveries within the QC limits ? No

If No, list sample ID and compound where limit was exceeded:
MS/MSD Recovery(s) for Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
Qualify noted compounds UJ for spiked parent sample (MC446-12)
MP17107 Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
Qualify antimony UJ for spiked parent sample MC446-9

Equipment Field Blank ID :	NA
Trip Blank ID :	NA
Method Blank:	VOC/8260B (5/26/2011) SVOC/8270C (5/26, 6/3/2011) ETPH (5/26, 6/1/2011) PCB(5/26/2011) 6010C (5/24/2011) 7471 (5/25/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? No

If so, list Sample ID/Compound/Concentration/Units:

Sample Analysis Notes by Method:

Method SW846 8260B
Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, 2,2-dichloropropane, toluene-d8, trans-1,4-dichloro-2-butene, naphthalene, 1,2,3-trichlorobenzene.
No qualification necessary
Blank Spike Recovery(s) for 1,2,3-Trichlorobenzene are outside control limits. Blank Spike meets program technical requirements.
No qualification necessary due to high %R not detected in associated samples
MC446-1, MC446-2, MC446-3, MC446-11, MC446-12, MC446-13 , MC446-14 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Compounds associated with internal standards with low area counts qualified J/UJ for noted samples:
MC446-1: compounds associated with Internal Standard (IS, IS3, and IS4)
MC446-2: compounds associated with Internal Standard (IS3 and IS4)
MC446-3: compounds associated with Internal Standard (IS3 and IS4)
MC446-11: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-12: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-13: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-14: compounds associated with Internal Standard (IS4)

Continuing calibration check standard MSP1769-CC1750 for 2,2-dichloropropane exceed 30% Difference. This check standard met RCP criteria.
No qualification necessary
Blank Spike Recovery(s) for 1,2,3-Trichlorobenzene, 2,2-Dichloropropane, Bromoform, Naphthalene, Styrene are outside control limits. Associated samples are non-detect for this compound.
No qualification necessary due to high %R not detected in associated samples
MC446-5, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
MC446-5: compounds associated with Internal Standard (IS4)
MC446-10: No qualification necessary; original within IS QC criteria
MC446-11: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-12: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-13: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-14: compounds associated with Internal Standard (IS4)

SW846 8270C
MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
No qualification necessary
CT-ETPH 7/06
None

SW846 8082
None

SW846 7471A
None

SM21 2540 B MOD
None

SW846 6010C
Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
Qualify antimony UJ for MC446-9
RPD(s) for Duplicate for Cadmium, Silver are outside control limits for sample MP17107-D1. RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary
RPD(s) for Serial Dilution for Lead, Silver are outside control limits for sample MP17107-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary

Sample ID correction

Reviewed By:
Validated By Kim Napier
Validation performed in accordance with the logic identified in the CLP National Functional Guidelines for all data reported.

Data Validation Worksheet

Project Name : NRG Middletown, CT
Validated By: Kim Napier

Job Number : 1009634013
Date 07/20/11
Date: 7/18/2011

Analyte Group : VOC
SVOC-SVOC SPLP
Extractable Total Petroleum Hydrocarbons
PCB
Metals - Total and SPLP
Mercury-Soil
Percent Solids

Analytical Method : EPA 8260B
EPA 8270C
CT ETPH
EPA 8082
EPA 6010C
EPA 7471A
EPA 2540B

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes
*Questions 4, and 6 were answered No

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC446

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time : All Holding times were met.

Method	Extraction	Analysis	Collection Date	Extraction date	Analyzed Date
VOC/8260B	NA	14 Days	5/20-5/23/2011	NA	5/26-5/27/2011
SVOC/8270C	7-Days	7 days (water) 14 days (soil)	5/20-5/23/2011	5/25/2011	5/26,5/27/2011
ETPH/CT ETPH	7-Days	40 Days (water) 14 Days (soil)	5/20-5/23/2011	5/25,5/31/2011	5/26,5/27,6/1/2011
PCB/8082	7 days (water) 14 days (soil)	40 days	5/20-5/23/2011	5/25/2011	5/26/2011
Metals/6010C	NA	6 months	5/20-5/23/2011	NA	5/25/2011
Mercury/7471A	NA	28 days	5/20-5/23/2011	NA	5/25/2011
Wet Chem/2540B	NA	28 days	5/20-5/23/2011	NA	5/24/2011

Sample Collection Date : 5/20, 5/23/2011

Sample temperature above QC limit: No (1.9°)

Surrogate Recovery
Surrogate Allowable Ranges for VOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC446-1, MC446-2, MC446-3, MC446-5 , MC446-10, MC446-11, MC446-12, MC446-13 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Qualify detects J for MC446-5, MC446-10, MC446-11, MC446-12, and MC446-13
MC446-1, MC446-5 , MC446-10, MC446-12, MC446-13 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Qualify detects J for MC446-5, MC446-10, MC446-12, and MC446-13
MC446-10, MC446-14 for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Qualify detects J for MC446-10

Surrogate Allowable Ranges for GC/MS SVOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
No qualification necessary

Surrogate Allowable Ranges for GC VOCs:

Are all % recoveries within the allowable range ? No

If No, List sample ID where range was exceeded:
MC446-12 for 1-Chlorooctadecane: Outside control limits due to possible matrix interference. Confirmed by reextraction and reanalysis.
Qualify J for noted sample
Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: NA

MS/MSD

Are all MS/MSD sample recoveries within the QC limits ? No
If No, list sample ID and compound where limit was exceeded:
MS/MSD Recovery(s) for Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene,

Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
Qualify noted compounds UJ for spiked parent sample (MC446-12)
MP17107 Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
Qualify antimony UJ for spiked parent sample MC446-9

Equipment Field Blank ID :	NA
Trip Blank ID :	NA
Method Blank:	VOC/8260B (5/26/2011) SVOC/8270C (5/26, 6/3/2011) ETPH (5/26, 6/1/2011) PCB(5/26/2011) 6010C (5/24/2011) 7471 (5/25/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? No

If so, list Sample ID/Compound/Concentration/Units:

Sample Analysis Notes by Method:

Method SW846 8260B
Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, 2,2-dichloropropane, toluene-d8, trans-1,4-dichloro-2-butene, naphthalene, 1,2,3-trichlorobenzene.
No qualification necessary
Blank Spike Recovery(s) for 1,2,3-Trichlorobenzene are outside control limits. Blank Spike meets program technical requirements.
No qualification necessary due to high %R not detected in associated samples
MC446-1, MC446-2, MC446-3, MC446-11, MC446-12, MC446-13 , MC446-14 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
Compounds associated with internal standards with low area counts qualified J/UJ for noted samples:
MC446-1: compounds associated with Internal Standard (IS, IS3, and IS4)
MC446-2: compounds associated with Internal Standard (IS3 and IS4)
MC446-3: compounds associated with Internal Standard (IS3 and IS4)
MC446-11: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-12: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-13: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-14: compounds associated with Internal Standard (IS4)

Continuing calibration check standard MSP1769-CC1750 for 2,2-dichloropropane exceed 30% Difference. This check standard met RCP criteria.
No qualification necessary
Blank Spike Recovery(s) for 1,2,3-Trichlorobenzene, 2,2-Dichloropropane, Bromoform, Naphthalene, Styrene are outside control limits. Associated samples are non-detect for this compound.
No qualification necessary due to high %R not detected in associated samples
MC446-5, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
MC446-5: compounds associated with Internal Standard (IS4)
MC446-10: No qualification necessary; original within IS QC criteria
MC446-11: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-12: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-13: compounds associated with Internal Standard (IS1, IS2, IS3, IS4)
MC446-14: compounds associated with Internal Standard (IS4)

SW846 8270C
MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
No qualification necessary
CT-ETPH 7/06
None

SW846 8082
None

SW846 7471A
None

SM21 2540 B MOD
None

SW846 6010C
Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
Qualify antimony UJ for MC446-9
RPD(s) for Duplicate for Cadmium, Silver are outside control limits for sample MP17107-D1. RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary
RPD(s) for Serial Dilution for Lead, Silver are outside control limits for sample MP17107-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary

Sample ID correction

Reviewed By:
Validated By Kim Napier
Validation performed in accordance with the logic identified in the CLP National Functional Guidelines for all data reported.

Accutest Laboratories

Report of Analysis

3.1

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53333.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53318.D	1	05/26/11	AMY	n/a	n/a	MSP1769

	Initial Weight	Final Volume
Run #1	12.0 g	5.0 ml
Run #2	11.0 g	5.0 ml

✓ Compounds associated w/ IS2, IS3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
* 67-64-1	Acetone	ND	2.5	ug/kg	
* 107-13-1	Acrylonitrile	ND	2.5	ug/kg	
71-43-2	Benzene ✓	ND	0.25	ug/kg	UJ
108-86-1	Bromobenzene ✓	ND	2.5	ug/kg	UJ
75-27-4	Bromodichloromethane✓	ND	1.0	ug/kg	UJ
75-25-2	Bromoform ✓	ND	1.0	ug/kg	UJ
* 74-83-9	Bromomethane	ND	1.0	ug/kg	
* 78-93-3	2-Butanone (MEK)	ND	2.5	ug/kg	
104-51-8	n-Butylbenzene ✓	ND	2.5	ug/kg	UJ
135-98-8	sec-Butylbenzene ✓	ND	2.5	ug/kg	UJ
98-06-6	tert-Butylbenzene ✓	ND	2.5	ug/kg	UJ
* 75-15-0	Carbon disulfide	ND	2.5	ug/kg	
56-23-5	Carbon tetrachloride ✓	ND	1.0	ug/kg	UJ
108-90-7	Chlorobenzene ✓	ND	1.0	ug/kg	UJ
* 75-00-3	Chloroethane	ND	2.5	ug/kg	
* 67-66-3	Chloroform	ND	1.0	ug/kg	
* 74-87-3	Chloromethane	ND	2.5	ug/kg	
95-49-8	o-Chlorotoluene ✓	ND	2.5	ug/kg	UJ
106-43-4	p-Chlorotoluene ✓	ND	2.5	ug/kg	UJ
96-12-8	1,2-Dibromo-3-chloropropane✓	ND	2.5	ug/kg	UJ
124-48-1	Dibromochloromethane✓	ND	1.0	ug/kg	UJ
106-93-4	1,2-Dibromoethane ✓	ND	1.0	ug/kg	UJ
95-50-1	1,2-Dichlorobenzene ✓	ND	1.0	ug/kg	UJ
541-73-1	1,3-Dichlorobenzene ✓	ND	1.0	ug/kg	UJ
106-46-7	1,4-Dichlorobenzene ✓	ND	1.0	ug/kg	UJ
* 75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
* 75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane ✓	ND	1.0	ug/kg	UJ
* 75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
* 156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
* 156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane ✓	ND	1.0	ug/kg	UJ

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.1

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

✓ Compounds assoc. w/ IS2, IS3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane ✓	ND	2.5	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	2.5	ug/kg	
563-58-6	1,1-Dichloropropene ✓	ND	2.5	ug/kg	UJ
10061-01-5	cis-1,3-Dichloropropene ✓	ND	1.0	ug/kg	UJ
10061-02-6	trans-1,3-Dichloropropene ✓	ND	1.0	ug/kg	UJ
100-41-4	Ethylbenzene ✓	ND	1.0	ug/kg	UJ
76-13-1	Freon 113	ND	2.5	ug/kg	
87-68-3	Hexachlorobutadiene ✓	ND	2.5	ug/kg	UJ
591-78-6	2-Hexanone ✓	ND	2.5	ug/kg	UJ
98-82-8	Isopropylbenzene ✓	ND	2.5	ug/kg	UJ
99-87-6	p-Isopropyltoluene ✓	ND	2.5	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK) ✓	ND	2.5	ug/kg	UJ
74-95-3	Methylene bromide ✓	ND	2.5	ug/kg	UJ
75-09-2	Methylene chloride	ND	1.0	ug/kg	
91-20-3	Naphthalene ✓	ND	2.5	ug/kg	UJ
103-65-1	n-Propylbenzene ✓	ND	2.5	ug/kg	UJ
100-42-5	Styrene ✓	ND	2.5	ug/kg	UJ
630-20-6	1,1,1,2-Tetrachloroethane ✓	ND	2.5	ug/kg	UJ
79-34-5	1,1,2,2-Tetrachloroethane ✓	ND	1.0	ug/kg	UJ
127-18-4	Tetrachloroethene ✓	ND	1.0	ug/kg	UJ
109-99-9	Tetrahydrofuran	ND	5.0	ug/kg	
108-88-3	Toluene ✓	ND	2.5	ug/kg	UJ
110-57-6	Trans-1,4-Dichloro-2-Butene ✓	ND	2.5	ug/kg	UJ
87-61-6	1,2,3-Trichlorobenzene ✓	ND	2.5	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene ✓	ND	2.5	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane ✓	ND	1.0	ug/kg	UJ
79-01-6	Trichloroethene ✓	ND	1.0	ug/kg	UJ
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane ✓	ND	2.5	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene ✓	ND	2.5	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene ✓	ND	2.5	ug/kg	UJ
75-01-4	Vinyl chloride	ND	1.0	ug/kg	
	m,p-Xylene ✓	ND	1.0	ug/kg	UJ
95-47-6	o-Xylene ✓	ND	1.0	ug/kg	UJ

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%	134% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.2

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53334.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53319.D	1	05/26/11	AMY	n/a	n/a	MSP1769

	Initial Weight	Final Volume
Run #1	12.5 g	5.0 ml
Run #2	11.6 g	5.0 ml

Compounds Associated w/ IS 3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.1	2.3	ug/kg	
107-13-1	Acrylonitrile	ND	2.3	ug/kg	
71-43-2	Benzene	ND	0.23	ug/kg	
108-86-1	Bromobenzene	ND	2.3	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	0.92	ug/kg	
75-25-2	Bromoform	ND	0.92	ug/kg	UJ
74-83-9	Bromomethane	ND	0.92	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	2.3	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	2.3	ug/kg	UJ
75-15-0	Carbon disulfide	ND	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	0.92	ug/kg	
108-90-7	Chlorobenzene	ND	0.92	ug/kg	UJ
75-00-3	Chloroethane	ND	2.3	ug/kg	
67-66-3	Chloroform	ND	0.92	ug/kg	
74-87-3	Chloromethane	ND	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	2.3	ug/kg	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	ug/kg	UJ
124-48-1	Dibromochloromethane	ND	0.92	ug/kg	UJ
106-93-4	1,2-Dibromoethane	ND	0.92	ug/kg	UJ
95-50-1	1,2-Dichlorobenzene	ND	0.92	ug/kg	UJ
541-73-1	1,3-Dichlorobenzene	ND	0.92	ug/kg	UJ
106-46-7	1,4-Dichlorobenzene	ND	0.92	ug/kg	UJ
75-71-8	Dichlorodifluoromethane	ND	0.92	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.92	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.92	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.92	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.92	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.92	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.92	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.2

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ ~~IS2~~, IS3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.3	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.92	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.92	ug/kg	
100-41-4	Ethylbenzene	ND	0.92	ug/kg	UJ
76-13-1	Freon 113	ND	2.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.3	ug/kg	UJ
591-78-6	2-Hexanone	ND	2.3	ug/kg	UJ
98-82-8	Isopropylbenzene	ND	2.3	ug/kg	UJ
99-87-6	p-Isopropyltoluene	ND	2.3	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	0.92	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.3	ug/kg	
74-95-3	Methylene bromide	ND	2.3	ug/kg	
75-09-2	Methylene chloride	ND	0.92	ug/kg	
91-20-3	Naphthalene	ND	2.3	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	2.3	ug/kg	UJ
100-42-5	Styrene	ND	2.3	ug/kg	UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	ug/kg	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.92	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	0.92	ug/kg	UJ
109-99-9	Tetrahydrofuran	ND	4.6	ug/kg	
108-88-3	Toluene	ND	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.3	ug/kg	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	0.92	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.92	ug/kg	
79-01-6	Trichloroethene	ND	0.92	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.92	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.3	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	ug/kg	UJ
75-01-4	Vinyl chloride	ND	0.92	ug/kg	
	m,p-Xylene	ND	0.92	ug/kg	UJ
95-47-6	o-Xylene	ND	0.92	ug/kg	UJ

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	119%	131% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.3

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53335.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53320.D	1	05/26/11	AMY	n/a	n/a	MSP1769

	Initial Weight	Final Volume
Run #1	11.3 g	5.0 ml
Run #2	10.4 g	5.0 ml

Compounds Assoc. w/ IS3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	8.2	2.5	ug/kg	
107-13-1	Acrylonitrile	ND	2.5	ug/kg	
71-43-2	Benzene	ND	0.25	ug/kg	
108-86-1	Bromobenzene	ND	2.5	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	UJ
74-83-9	Bromomethane	ND	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	2.5	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	2.5	ug/kg	UJ
75-15-0	Carbon disulfide	ND	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	UJ
75-00-3	Chloroethane	ND	2.5	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
74-87-3	Chloromethane	ND	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	2.5	ug/kg	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	ug/kg	UJ
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	UJ
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	UJ
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	UJ
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	UJ
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	UJ
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.3

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds Assoc. w/ IS 3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.5	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	UJ
76-13-1	Freon 113	ND	2.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.5	ug/kg	UJ
591-78-6	2-Hexanone	ND	2.5	ug/kg	UJ
98-82-8	Isopropylbenzene	ND	2.5	ug/kg	UJ
99-87-6	p-Isopropyltoluene	ND	2.5	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.5	ug/kg	
74-95-3	Methylene bromide	ND	2.5	ug/kg	
75-09-2	Methylene chloride	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	2.5	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	2.5	ug/kg	UJ
100-42-5	Styrene	ND	2.5	ug/kg	UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	ug/kg	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	1.0	ug/kg	UJ
109-99-9	Tetrahydrofuran	ND	5.1	ug/kg	
108-88-3	Toluene	ND	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.5	ug/kg	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.5	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	ug/kg	UJ
75-01-4	Vinyl chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	UJ
95-47-6	o-Xylene	ND	1.0	ug/kg	UJ

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	129%	138% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53322.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53354.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	13.8 g	5.0 ml
Run #2	9.41 g	5.0 ml

* Compounds assoc. w/ IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.6	2.2	ug/kg	- J
107-13-1	Acrylonitrile	ND	2.2	ug/kg	
71-43-2	Benzene	0.69	0.22	ug/kg	- J
* 108-86-1	Bromobenzene	ND	2.2	ug/kg	- UJ
75-27-4	Bromodichloromethane	ND	0.87	ug/kg	
75-25-2	Bromoform	ND	0.87	ug/kg	
74-83-9	Bromomethane	ND	0.87	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.2	ug/kg	
*104-51-8	n-Butylbenzene	ND	2.2	ug/kg	- UJ
*135-98-8	sec-Butylbenzene	ND	2.2	ug/kg	- UJ
*98-06-6	tert-Butylbenzene	ND	2.2	ug/kg	- UJ
75-15-0	Carbon disulfide	ND	2.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	0.87	ug/kg	
108-90-7	Chlorobenzene	ND	0.87	ug/kg	
75-00-3	Chloroethane	ND	2.2	ug/kg	
67-66-3	Chloroform	ND	0.87	ug/kg	
74-87-3	Chloromethane	ND	2.2	ug/kg	
* 95-49-8	o-Chlorotoluene	ND	2.2	ug/kg	- UJ
* 106-43-4	p-Chlorotoluene	ND	2.2	ug/kg	- UJ
*96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	ug/kg	- UJ
124-48-1	Dibromochloromethane	ND	0.87	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.87	ug/kg	
* 95-50-1	1,2-Dichlorobenzene	ND	0.87	ug/kg	- UJ
* 541-73-1	1,3-Dichlorobenzene	ND	0.87	ug/kg	- UJ
*106-46-7	1,4-Dichlorobenzene	ND	0.87	ug/kg	- UJ
75-71-8	Dichlorodifluoromethane	ND	0.87	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.87	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.87	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.87	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.87	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.87	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.5 3

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

* Compounds assoc. w/ IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.87	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.87	ug/kg	
100-41-4	Ethylbenzene	ND	0.87	ug/kg	
76-13-1	Freon 113	ND	2.2	ug/kg	
* 87-68-3	Hexachlorobutadiene	ND	2.2	ug/kg	UJ
591-78-6	2-Hexanone	ND	2.2	ug/kg	
* 98-82-8	Isopropylbenzene	ND	2.2	ug/kg	UJ
* 99-87-6	p-Isopropyltoluene	ND	2.2	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	0.87	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.2	ug/kg	
74-95-3	Methylene bromide	ND	2.2	ug/kg	
75-09-2	Methylene chloride	ND	0.87	ug/kg	
* 91-20-3	Naphthalene	ND	2.2	ug/kg	UJ
* 103-65-1	n-Propylbenzene	ND	2.2	ug/kg	UJ
100-42-5	Styrene	ND	2.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	ug/kg	
* 79-34-5	1,1,2,2-Tetrachloroethane	ND	0.87	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	0.87	ug/kg	
109-99-9	Tetrahydrofuran	ND	4.3	ug/kg	
108-88-3	Toluene	ND	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.2	ug/kg	
* 87-61-6	1,2,3-Trichlorobenzene	ND	2.2	ug/kg	UJ
* 120-82-1	1,2,4-Trichlorobenzene	ND	2.2	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	0.87	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.87	ug/kg	
79-01-6	Trichloroethene	ND	0.87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.87	ug/kg	
* 96-18-4	1,2,3-Trichloropropane	ND	2.2	ug/kg	UJ
* 95-63-6	1,2,4-Trimethylbenzene	ND	2.2	ug/kg	UJ
* 108-67-8	1,3,5-Trimethylbenzene	ND	2.2	ug/kg	UJ
75-01-4	Vinyl chloride	ND	0.87	ug/kg	
	m,p-Xylene	ND	0.87	ug/kg	
95-47-6	o-Xylene	ND	0.87	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	133% b	132% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.9

3

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	Date Sampled:	05/20/11
Matrix:	SO - Soil	Date Received:	05/23/11
		Percent Solids:	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony [a]	<1.8 UJ	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Arsenic [a]	2.6	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Beryllium [a]	2.1	0.73	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium [a]	<0.73	0.73	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium [a]	11.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Copper [a]	16.9	4.6	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead [a]	5.5	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	<0.035	0.035	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [1]	SW846 7470A [4]
Nickel [a]	31.9	7.3	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Selenium [a]	<1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Silver [a]	<0.91	0.91	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Thallium [a]	<1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Vanadium [a]	24.1	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Zinc [a]	50.2	3.6	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA13005
(2) Instrument QC Batch: MA13010
(3) Prep QC Batch: MP17107
(4) Prep QC Batch: MP17110

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53327.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53358.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	12.8 g	5.0 ml
Run #2	13.1 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	2.2	ug/kg	
107-13-1	Acrylonitrile	ND	2.2	ug/kg	
71-43-2	Benzene	3.4	0.22	ug/kg	J
108-86-1	Bromobenzene	ND	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	0.87	ug/kg	
75-25-2	Bromoform	ND	0.87	ug/kg	
74-83-9	Bromomethane	ND	0.87	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	0.87	ug/kg	
108-90-7	Chlorobenzene	ND	0.87	ug/kg	
75-00-3	Chloroethane	ND	2.2	ug/kg	
67-66-3	Chloroform	ND	0.87	ug/kg	
74-87-3	Chloromethane	ND	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	ug/kg	
124-48-1	Dibromochloromethane	ND	0.87	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.87	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.87	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.87	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.87	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.87	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.87	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.87	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.87	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.87	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.87	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

3.14

3

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53328.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53359.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	9.95 g	5.0 ml
Run #2	11.0 g	5.0 ml

Compounds Assoc. w/ IS1, IS2, IS3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	10.6	2.9	ug/kg	J
107-13-1	Acrylonitrile	ND	2.9	ug/kg	UJ
71-43-2	Benzene	ND	0.29	ug/kg	
108-86-1	Bromobenzene	ND	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	1.2	ug/kg	
75-25-2	Bromoform	ND	1.2	ug/kg	
74-83-9	Bromomethane	ND	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	1.2	ug/kg	
75-00-3	Chloroethane	ND	2.9	ug/kg	
67-66-3	Chloroform	ND	1.2	ug/kg	
74-87-3	Chloromethane	ND	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	ug/kg	
124-48-1	Dibromochloromethane	ND	1.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.2	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.11

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ IS1, IS2, IS3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.9	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	ug/kg	
76-13-1	Freon 113	ND	2.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.9	ug/kg	
591-78-6	2-Hexanone	ND	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.9	ug/kg	
74-95-3	Methylene bromide	ND	2.9	ug/kg	
75-09-2	Methylene chloride	ND	1.2	ug/kg	
91-20-3	Naphthalene	ND	2.9	ug/kg	
103-65-1	n-Propylbenzene	ND	2.9	ug/kg	
100-42-5	Styrene	ND	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	ug/kg	
127-18-4	Tetrachloroethene	ND	1.2	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.9	ug/kg	
108-88-3	Toluene	ND	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.2	ug/kg	
79-01-6	Trichloroethene	ND	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.9	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	ug/kg	
75-01-4	Vinyl chloride	ND	1.2	ug/kg	
	m,p-Xylene	ND	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	156% b	151% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	CT-ETPH 7/06 SW846 3545	Percent Solids:	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51502.D	1	06/01/11	SS	05/31/11	OP25095	GBC2482
Run #2 [a]	BC51461.D	1	05/26/11	SS	05/25/11	OP25042	GBC2478

	Initial Weight	Final Volume
Run #1	15.0 g	1.0 ml
Run #2	15.5 g	1.0 ml

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	214	22	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	41% [b]	18% [b]	50-137%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by re-extraction/reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.12 3

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8270C SW846 3545	Percent Solids:	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I73040.D	1	06/03/11	KR	06/01/11	OP25102	MSI2629
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	330	ug/kg	
208-96-8	Acenaphthylene	ND	330	ug/kg	
120-12-7	Anthracene	ND	330	ug/kg	
56-55-3	Benzo(a)anthracene	ND	330	ug/kg	
50-32-8	Benzo(a)pyrene	ND	330	ug/kg	UJ
205-99-2	Benzo(b)fluoranthene	ND	330	ug/kg	UJ
191-24-2	Benzo(g,h,i)perylene	ND	330	ug/kg	UJ
207-08-9	Benzo(k)fluoranthene	ND	330	ug/kg	UJ
218-01-9	Chrysene	ND	330	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	330	ug/kg	UJ
206-44-0	Fluoranthene	ND	330	ug/kg	
86-73-7	Fluorene	ND	330	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	UJ
91-20-3	Naphthalene	ND	330	ug/kg	
85-01-8	Phenanthrene	ND	330	ug/kg	
129-00-0	Pyrene	ND	330	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		30-130%
321-60-8	2-Fluorobiphenyl	75%		30-130%
1718-51-0	Terphenyl-d14	70%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53329.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53360.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	9.12 g	5.0 ml
Run #2	10.7 g	5.0 ml

Compounds assoc. w/ IS1, IS2, IS3 & IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	3.6	ug/kg	UJ
107-13-1	Acrylonitrile	ND	3.6	ug/kg	
71-43-2	Benzene	ND	0.36	ug/kg	
108-86-1	Bromobenzene	ND	3.6	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	ug/kg	
75-25-2	Bromoform	ND	1.5	ug/kg	
74-83-9	Bromomethane	ND	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	3.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.6	ug/kg	
75-15-0	Carbon disulfide	ND	3.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.6	ug/kg	
67-66-3	Chloroform	1.6	1.5	ug/kg	J
74-87-3	Chloromethane	ND	3.6	ug/kg	UJ
95-49-8	o-Chlorotoluene	ND	3.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ IS1, IS2, IS3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.6	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	3.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	ug/kg	
76-13-1	Freon 113	ND	3.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.6	ug/kg	
591-78-6	2-Hexanone	ND	3.6	ug/kg	
98-82-8	Isopropylbenzene	ND	3.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.6	ug/kg	
74-95-3	Methylene bromide	ND	3.6	ug/kg	
75-09-2	Methylene chloride	ND	1.5	ug/kg	
91-20-3	Naphthalene	ND	3.6	ug/kg	
103-65-1	n-Propylbenzene	ND	3.6	ug/kg	
100-42-5	Styrene	ND	3.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	7.3	ug/kg	
108-88-3	Toluene	ND	3.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	3.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ug/kg	
79-01-6	Trichloroethene	ND	1.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.6	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	ug/kg	
	m,p-Xylene	ND	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	253% b	247% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

3.13 3

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53330.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53361.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	11.1 g	5.0 ml
Run #2	11.6 g	5.0 ml

Compounds assoc. w/ IS1, IS2, IS3, IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	2.8	2.7	ug/kg	J
107-13-1	Acrylonitrile	ND	2.7	ug/kg	UJ
71-43-2	Benzene	ND	0.27	ug/kg	
108-86-1	Bromobenzene	ND	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
74-83-9	Bromomethane	ND	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	2.7	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
74-87-3	Chloromethane	ND	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ IS1, IS2, IS3 & IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.7	ug/kg	UJ
594-20-7	2,2-Dichloropropane	ND	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
76-13-1	Freon 113	ND	2.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.7	ug/kg	
591-78-6	2-Hexanone	ND	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.7	ug/kg	
74-95-3	Methylene bromide	ND	2.7	ug/kg	
75-09-2	Methylene chloride	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	2.7	ug/kg	
103-65-1	n-Propylbenzene	ND	2.7	ug/kg	
100-42-5	Styrene	ND	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethene	ND	1.1	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.4	ug/kg	
108-88-3	Toluene	ND	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	ug/kg	
75-01-4	Vinyl chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	165% b	177% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.14 3

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53331.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53362.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	9.89 g	5.0 ml
Run #2	12.0 g	5.0 ml

Compounds assoc. w/ IS4

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	2.7	ug/kg	
107-13-1	Acrylonitrile	ND	2.7	ug/kg	
71-43-2	Benzene	ND	0.27	ug/kg	
108-86-1	Bromobenzene	ND	2.7	ug/kg	UJ
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
74-83-9	Bromomethane	ND	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.7	ug/kg	UJ
135-98-8	sec-Butylbenzene	ND	2.7	ug/kg	UJ
98-06-6	tert-Butylbenzene	ND	2.7	ug/kg	UJ
75-15-0	Carbon disulfide	ND	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	2.7	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
74-87-3	Chloromethane	ND	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.7	ug/kg	UJ
106-43-4	p-Chlorotoluene	ND	2.7	ug/kg	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	ug/kg	UJ
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	ug/kg	UJ
541-73-1	1,3-Dichlorobenzene	ND	1.1	ug/kg	UJ
106-46-7	1,4-Dichlorobenzene	ND	1.1	ug/kg	UJ
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	Date Sampled:	05/23/11
Matrix:	SO - Soil	Date Received:	05/23/11
Method:	SW846 8260B	Percent Solids:	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

Compounds assoc. w/ IS4

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
76-13-1	Freon 113	ND	2.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.7	ug/kg	UJ
591-78-6	2-Hexanone	ND	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	2.7	ug/kg	UJ
99-87-6	p-Isopropyltoluene	ND	2.7	ug/kg	UJ
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.7	ug/kg	
74-95-3	Methylene bromide	ND	2.7	ug/kg	
75-09-2	Methylene chloride	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	2.7	ug/kg	UJ
103-65-1	n-Propylbenzene	ND	2.7	ug/kg	UJ
100-42-5	Styrene	ND	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	UJ
127-18-4	Tetrachloroethene	ND	1.1	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.5	ug/kg	
108-88-3	Toluene	ND	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	ug/kg	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	ug/kg	UJ
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.7	ug/kg	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	ug/kg	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	ug/kg	UJ
75-01-4	Vinyl chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%	130%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

06/06/11

Technical Report for

Shaw Environmental & Infrastructure

NRG Middletown 1866 River Rd. Middletown CT

1009634013

Accutest Job Number: MC446

Sampling Dates: 05/20/11 - 05/23/11

Report to:

Shaw Environmental & Infrastructure

Raymond.Cadorette@shawgrp.com

ATTN: Raymond Cadorette

Total number of pages in report: **170**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

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Sample Summary

Shaw Environmental & Infrastructure

Job No: MC446

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC446-1	05/20/11	14:00	BG	05/23/11	SO	Soil	SDTRENCH-10 (3)
MC446-2	05/20/11	14:15	BG	05/23/11	SO	Soil	SDTRENCH-11 (3)
MC446-3	05/20/11	14:30	BG	05/23/11	SO	Soil	SDTRENCH-12 (8)
MC446-4	05/20/11	14:40	BG	05/23/11	SO	Soil	SDTRENCH-13 (8)
MC446-5	05/20/11	15:00	BG	05/23/11	SO	Soil	SDTRENCH-14 (12)
MC446-6	05/20/11	15:10	BG	05/23/11	SO	Soil	SDTRENCH-15 (12)
MC446-7	05/20/11	15:30	BG	05/23/11	SO	Soil	SDTRENCH-16 (21)
MC446-8	05/20/11	15:30	BG	05/23/11	SO	Soil	SDTRENCH-16D (21)
MC446-9	05/20/11	15:40	BG	05/23/11	SO	Soil	SDTRENCH-17 (21)
MC446-10	05/23/11	09:00	BG	05/23/11	SO	Soil	SDTRENCH-18 (3)
MC446-11	05/23/11	09:15	BG	05/23/11	SO	Soil	SDTRENCH-19 (3)
MC446-12	05/23/11	09:25	BG	05/23/11	SO	Soil	SDTRENCH-20 (7)
MC446-13	05/23/11	09:40	BG	05/23/11	SO	Soil	SDTRENCH-21 (7)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Accutest Laboratories

Sample Summary
(continued)

Shaw Environmental & Infrastructure

Job No: MC446

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC446-14	05/23/11	09:50	BG	05/23/11	SO	Soil	SDTRENCH-22 (18)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Shaw Environmental & Infrastructure	**Job No**	MC446
Site:	NRG Middletown 1866 River Rd. Middletown CT	**Report Date**	6/6/2011 12:34:03 PM

14 Sample(s) ere collected on between 05/20/2011 and 05/23/2011 and were received at Accutest on 05/23/2011 properly preserved, at 1.9 Deg. C and intact. These Samples received an Accutest job number of MC446. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix SO **Batch ID:** MSP1769

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Quadratic regression is employed for initial calibration standard in batch MSP1750-ICC1750 for chloromethane, 2,2-dichloropropane, toluene-d8, trans-1,4-dichloro-2-butene, naphthalene, 1,2,3-trichlorobenzene.
- Blank Spike Recovery(s) for 1,2,3-Trichlorobenzene are outside control limits. Blank Spike meets program technical requirements.
- MC446-1, MC446-2, MC446-3: Confirmation run.
- MC446-1, MC446-2, MC446-3, MC446-11, MC446-12, MC446-13 , MC446-14 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC446-1, MC446-5 , MC446-10, MC446-12, MC446-13 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC446-1, MC446-2, MC446-3, MC446-5 , MC446-10, MC446-11, MC446-12, MC446-13 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- Continuing calibration check standard MSP1769-CC1750 for 2,2-dichloropropane exceed 30% Difference. This check standard met RCP criteria.

Matrix SO **Batch ID:** MSP1770

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 1,2,3-Trichlorobenzene, 2,2-Dichloropropane, Bromoform, Naphthalene, Styrene are outside control limits. Associated samples are non-detect for this compound.
- MC446-5, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14: Confirmation run.
- MC446-12, MC446-13 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC446-10, MC446-14 for 4-Bromofluorobenzene: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC446-10 for Toluene-D8: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC446-5, MC446-10, MC446-11, MC446-12, MC446-13 for Dibromofluoromethane: Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- MC446-5, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14 has internal standard outside control limits. Outside control limits due to possible matrix interference. Confirmed by reanalysis.
- Only selected metals requested.
- Continuing calibration check standard MSP1770-CC1750 for 2,2-dichloropropane, styrene, bromoform, naphthalene, 1,2,3-trichlorobenzene exceed 30% Difference. This check standard met RCP criteria.

Extractables by GCMS By Method SW846 8270C

Matrix SO	Batch ID: OP25044

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Only PAHs requested
- MC446-13, MC446-1: Confirmation run for surrogate recoveries.
- MC446-1, MC446-13 for Terphenyl-d14: Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Matrix SO	Batch ID: OP25102

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC446-12MS, MC446-12MSD were used as the QC samples indicated.
- Only PAHs requested
- MS/MSD Recovery(s) for Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GC By Method CT-ETPH 7/06

Matrix SO	Batch ID: OP25042

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- MC446-12: Confirmation run.
- MC446-12 for 1-Chlorooctadecane: Outside control limits due to possible matrix interference. Confirmed by re-extraction/reanalysis.

Matrix SO	Batch ID: OP25095

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- MC446-12 for 1-Chlorooctadecane: Outside control limits due to possible matrix interference. Confirmed by re-extraction/reanalysis.

Extractables by GC By Method SW846 8082

Matrix SO	Batch ID: OP25043

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix SO	**Batch ID:** MP17107

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC446-9DUP, MC446-9MS, MC446-9PS, MC446-9SDL, MC446-9DUP were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- RPD(s) for Duplicate for Cadmium, Silver are outside control limits for sample MP17107-D1. RPD acceptable due to low duplicate and sample concentrations.
- RPD(s) for Serial Dilution for Lead, Silver are outside control limits for sample MP17107-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Only selected metals requested.

Metals By Method SW846 7471A

Matrix SO	**Batch ID:** MP17110

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC446-9DUP, MC446-9MS were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix SO	**Batch ID:** GN35010

- Sample(s) MC446-1DUP were used as the QC samples for Solids, Percent.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC446).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53333.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53318.D	1	05/26/11	AMY	n/a	n/a	MSP1769

	Initial Weight	Final Volume
Run #1	12.0 g	5.0 ml
Run #2	11.0 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	2.5	ug/kg	
107-13-1	Acrylonitrile	ND	2.5	ug/kg	
71-43-2	Benzene	ND	0.25	ug/kg	
108-86-1	Bromobenzene	ND	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
74-83-9	Bromomethane	ND	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	2.5	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
74-87-3	Chloromethane	ND	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	2.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.5	ug/kg	
591-78-6	2-Hexanone	ND	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.5	ug/kg	
74-95-3	Methylene bromide	ND	2.5	ug/kg	
75-09-2	Methylene chloride	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	2.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	ug/kg	
100-42-5	Styrene	ND	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethene	ND	1.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.0	ug/kg	
108-88-3	Toluene	ND	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	ug/kg	
75-01-4	Vinyl chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%	134% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	124%	131% [b]	70-130%
460-00-4	4-Bromofluorobenzene	103%	109%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72856.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2 [a]	I72888.D	1	05/27/11	KR	05/25/11	OP25044	MSI2620

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2	20.2 g	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	300	ug/kg	
208-96-8	Acenaphthylene	ND	300	ug/kg	
120-12-7	Anthracene	ND	300	ug/kg	
56-55-3	Benzo(a)anthracene	ND	300	ug/kg	
50-32-8	Benzo(a)pyrene	ND	300	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	300	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	300	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	300	ug/kg	
218-01-9	Chrysene	ND	300	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	300	ug/kg	
206-44-0	Fluoranthene	ND	300	ug/kg	
86-73-7	Fluorene	ND	300	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	300	ug/kg	
91-20-3	Naphthalene	ND	300	ug/kg	
85-01-8	Phenanthrene	ND	300	ug/kg	
129-00-0	Pyrene	ND	300	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	43%	42%	30-130%
321-60-8	2-Fluorobiphenyl	45%	44%	30-130%
1718-51-0	Terphenyl-d14	25% [b]	24% [b]	30-130%

(a) Confirmation run for surrogate recoveries.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27675.D	1	05/27/11	KD	05/25/11	OP25042	GBG945
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	24.4	20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	54%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ65998.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	ND	120	ug/kg	
37324-23-5	Aroclor 1262	ND	120	ug/kg	
11100-14-4	Aroclor 1268	ND	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		30-150%
877-09-8	Tetrachloro-m-xylene	64%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%
2051-24-3	Decachlorobiphenyl	70%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-10 (3)		
Lab Sample ID:	MC446-1	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	82.6
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.92	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	50.7	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	1.3	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.49	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	17.6	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	26.5	2.3	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	12.7	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.10	0.036	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	22.5	3.7	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	1.2	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.46	0.46	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.92	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	67.9	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	45.6	1.8	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument Qc Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53334.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53319.D	1	05/26/11	AMY	n/a	n/a	MSP1769

	Initial Weight	Final Volume
Run #1	12.5 g	5.0 ml
Run #2	11.6 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.1	2.3	ug/kg	
107-13-1	Acrylonitrile	ND	2.3	ug/kg	
71-43-2	Benzene	ND	0.23	ug/kg	
108-86-1	Bromobenzene	ND	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	0.92	ug/kg	
75-25-2	Bromoform	ND	0.92	ug/kg	
74-83-9	Bromomethane	ND	0.92	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	0.92	ug/kg	
108-90-7	Chlorobenzene	ND	0.92	ug/kg	
75-00-3	Chloroethane	ND	2.3	ug/kg	
67-66-3	Chloroform	ND	0.92	ug/kg	
74-87-3	Chloromethane	ND	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	ug/kg	
124-48-1	Dibromochloromethane	ND	0.92	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.92	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.92	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.92	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.92	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.92	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.92	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.92	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.92	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.92	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.92	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.92	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.92	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.92	ug/kg	
100-41-4	Ethylbenzene	ND	0.92	ug/kg	
76-13-1	Freon 113	ND	2.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.3	ug/kg	
591-78-6	2-Hexanone	ND	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.92	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.3	ug/kg	
74-95-3	Methylene bromide	ND	2.3	ug/kg	
75-09-2	Methylene chloride	ND	0.92	ug/kg	
91-20-3	Naphthalene	ND	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	ug/kg	
100-42-5	Styrene	ND	2.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.92	ug/kg	
127-18-4	Tetrachloroethene	ND	0.92	ug/kg	
109-99-9	Tetrahydrofuran	ND	4.6	ug/kg	
108-88-3	Toluene	ND	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.92	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.92	ug/kg	
79-01-6	Trichloroethene	ND	0.92	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.92	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	ug/kg	
75-01-4	Vinyl chloride	ND	0.92	ug/kg	
	m,p-Xylene	ND	0.92	ug/kg	
95-47-6	o-Xylene	ND	0.92	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	119%	131% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	121%	126%	70-130%
460-00-4	4-Bromofluorobenzene	104%	104%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72857.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
206-44-0	Fluoranthene	ND	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
85-01-8	Phenanthrene	ND	280	ug/kg	
129-00-0	Pyrene	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		30-130%
321-60-8	2-Fluorobiphenyl	64%		30-130%
1718-51-0	Terphenyl-d14	72%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51466.D	1	05/26/11	SS	05/25/11	OP25042	GBC2479
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	21.0	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	56%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ65999.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		30-150%
877-09-8	Tetrachloro-m-xylene	85%		30-150%
2051-24-3	Decachlorobiphenyl	78%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-11 (3)		
Lab Sample ID:	MC446-2	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	87.1
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.92	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	15.8	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.73	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 0.37	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	11.2	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	14.4	2.3	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	11.1	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	< 0.034	0.034	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	17.6	3.7	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 0.92	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.46	0.46	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.92	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	41.9	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	45.4	1.8	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53335.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53320.D	1	05/26/11	AMY	n/a	n/a	MSP1769

	Initial Weight	Final Volume
Run #1	11.3 g	5.0 ml
Run #2	10.4 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	8.2	2.5	ug/kg	
107-13-1	Acrylonitrile	ND	2.5	ug/kg	
71-43-2	Benzene	ND	0.25	ug/kg	
108-86-1	Bromobenzene	ND	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	1.0	ug/kg	
75-25-2	Bromoform	ND	1.0	ug/kg	
74-83-9	Bromomethane	ND	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	1.0	ug/kg	
75-00-3	Chloroethane	ND	2.5	ug/kg	
67-66-3	Chloroform	ND	1.0	ug/kg	
74-87-3	Chloromethane	ND	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	ug/kg	
124-48-1	Dibromochloromethane	ND	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.0	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
76-13-1	Freon 113	ND	2.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.5	ug/kg	
591-78-6	2-Hexanone	ND	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.5	ug/kg	
74-95-3	Methylene bromide	ND	2.5	ug/kg	
75-09-2	Methylene chloride	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	2.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	ug/kg	
100-42-5	Styrene	ND	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/kg	
127-18-4	Tetrachloroethene	ND	1.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.1	ug/kg	
108-88-3	Toluene	ND	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/kg	
79-01-6	Trichloroethene	ND	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	ug/kg	
75-01-4	Vinyl chloride	ND	1.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	129%	138% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	127%	130%	70-130%
460-00-4	4-Bromofluorobenzene	114%	109%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72858.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
206-44-0	Fluoranthene	ND	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
85-01-8	Phenanthrene	ND	280	ug/kg	
129-00-0	Pyrene	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	50%		30-130%
321-60-8	2-Fluorobiphenyl	55%		30-130%
1718-51-0	Terphenyl-d14	51%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27673.D	1	05/27/11	KD	05/25/11	OP25042	GBG945
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	27.5	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	58%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66000.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		30-150%
877-09-8	Tetrachloro-m-xylene	74%		30-150%
2051-24-3	Decachlorobiphenyl	69%		30-150%
2051-24-3	Decachlorobiphenyl	70%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-12 (8)		
Lab Sample ID:	MC446-3	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	87.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.91	0.91	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	33.6	0.91	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.99	0.36	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 0.36	0.36	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	14.8	0.91	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	20.6	2.3	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	14.1	0.91	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.065	0.035	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	28.9	3.6	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 0.91	0.91	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.46	0.46	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.91	0.91	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	93.6	0.91	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	53.0	1.8	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-13 (8)		
Lab Sample ID:	MC446-4	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	90.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53321.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2							

	Initial Weight	Final Volume
Run #1	13.2 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	17.1	2.1	ug/kg	
107-13-1	Acrylonitrile	ND	2.1	ug/kg	
71-43-2	Benzene	ND	0.21	ug/kg	
108-86-1	Bromobenzene	ND	2.1	ug/kg	
75-27-4	Bromodichloromethane	ND	0.84	ug/kg	
75-25-2	Bromoform	ND	0.84	ug/kg	
74-83-9	Bromomethane	ND	0.84	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.1	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	0.84	ug/kg	
108-90-7	Chlorobenzene	ND	0.84	ug/kg	
75-00-3	Chloroethane	ND	2.1	ug/kg	
67-66-3	Chloroform	ND	0.84	ug/kg	
74-87-3	Chloromethane	ND	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	0.84	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.84	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.84	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.84	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.84	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.84	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.84	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.84	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.84	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.84	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.84	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-13 (8)		
Lab Sample ID:	MC446-4	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	90.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.84	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.84	ug/kg	
100-41-4	Ethylbenzene	ND	0.84	ug/kg	
76-13-1	Freon 113	ND	2.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.1	ug/kg	
591-78-6	2-Hexanone	ND	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.84	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.1	ug/kg	
74-95-3	Methylene bromide	ND	2.1	ug/kg	
75-09-2	Methylene chloride	ND	0.84	ug/kg	
91-20-3	Naphthalene	ND	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	ug/kg	
100-42-5	Styrene	ND	2.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.84	ug/kg	
127-18-4	Tetrachloroethene	ND	0.84	ug/kg	
109-99-9	Tetrahydrofuran	ND	4.2	ug/kg	
108-88-3	Toluene	ND	2.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.84	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.84	ug/kg	
79-01-6	Trichloroethene	ND	0.84	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.84	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	ug/kg	
75-01-4	Vinyl chloride	ND	0.84	ug/kg	
	m,p-Xylene	ND	0.84	ug/kg	
95-47-6	o-Xylene	ND	0.84	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	125%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-13 (8)		
Lab Sample ID:	MC446-4	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	90.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	123%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-13 (8)		
Lab Sample ID:	MC446-4	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	90.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72859.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	270	ug/kg	
208-96-8	Acenaphthylene	ND	270	ug/kg	
120-12-7	Anthracene	ND	270	ug/kg	
56-55-3	Benzo(a)anthracene	ND	270	ug/kg	
50-32-8	Benzo(a)pyrene	ND	270	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	270	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	270	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	270	ug/kg	
218-01-9	Chrysene	ND	270	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	270	ug/kg	
206-44-0	Fluoranthene	ND	270	ug/kg	
86-73-7	Fluorene	ND	270	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	270	ug/kg	
91-20-3	Naphthalene	ND	270	ug/kg	
85-01-8	Phenanthrene	ND	270	ug/kg	
129-00-0	Pyrene	ND	270	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	50%		30-130%
321-60-8	2-Fluorobiphenyl	54%		30-130%
1718-51-0	Terphenyl-d14	69%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-13 (8)		
Lab Sample ID:	MC446-4	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	90.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51471.D	1	05/26/11	SS	05/25/11	OP25042	GBC2478
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	55%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-13 (8)		
Lab Sample ID:	MC446-4	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	90.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66001.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	86%		30-150%
2051-24-3	Decachlorobiphenyl	78%		30-150%
2051-24-3	Decachlorobiphenyl	81%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-13 (8)		
Lab Sample ID:	MC446-4	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	90.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.86	0.86	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	2.7	0.86	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	< 0.34	0.34	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 0.34	0.34	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	7.8	0.86	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	9.2	2.1	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	4.4	0.86	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	< 0.034	0.034	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	8.7	3.4	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 0.86	0.86	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.43	0.43	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.86	0.86	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	19.3	0.86	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	19.9	1.7	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53322.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53354.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	13.8 g	5.0 ml
Run #2	9.41 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	11.6	2.2	ug/kg	
107-13-1	Acrylonitrile	ND	2.2	ug/kg	
71-43-2	Benzene	0.69	0.22	ug/kg	
108-86-1	Bromobenzene	ND	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	0.87	ug/kg	
75-25-2	Bromoform	ND	0.87	ug/kg	
74-83-9	Bromomethane	ND	0.87	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	0.87	ug/kg	
108-90-7	Chlorobenzene	ND	0.87	ug/kg	
75-00-3	Chloroethane	ND	2.2	ug/kg	
67-66-3	Chloroform	ND	0.87	ug/kg	
74-87-3	Chloromethane	ND	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	ug/kg	
124-48-1	Dibromochloromethane	ND	0.87	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.87	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.87	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.87	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.87	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.87	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.87	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.87	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.87	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.87	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.87	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.87	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.87	ug/kg	
100-41-4	Ethylbenzene	ND	0.87	ug/kg	
76-13-1	Freon 113	ND	2.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.2	ug/kg	
591-78-6	2-Hexanone	ND	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.87	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.2	ug/kg	
74-95-3	Methylene bromide	ND	2.2	ug/kg	
75-09-2	Methylene chloride	ND	0.87	ug/kg	
91-20-3	Naphthalene	ND	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	ug/kg	
100-42-5	Styrene	ND	2.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.87	ug/kg	
127-18-4	Tetrachloroethene	ND	0.87	ug/kg	
109-99-9	Tetrahydrofuran	ND	4.3	ug/kg	
108-88-3	Toluene	ND	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.87	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.87	ug/kg	
79-01-6	Trichloroethene	ND	0.87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.87	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	ug/kg	
75-01-4	Vinyl chloride	ND	0.87	ug/kg	
	m,p-Xylene	ND	0.87	ug/kg	
95-47-6	o-Xylene	ND	0.87	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	133% b	132% b	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	131% [b]	126%	70-130%
460-00-4	4-Bromofluorobenzene	113%	125%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72860.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	422	290	ug/kg	
50-32-8	Benzo(a)pyrene	354	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	296	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	309	290	ug/kg	
218-01-9	Chrysene	436	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
206-44-0	Fluoranthene	732	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
85-01-8	Phenanthrene	569	290	ug/kg	
129-00-0	Pyrene	628	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		30-130%
321-60-8	2-Fluorobiphenyl	58%		30-130%
1718-51-0	Terphenyl-d14	65%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51470.D	1	05/26/11	SS	05/25/11	OP25042	GBC2479
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	252	20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	73%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66002.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	139	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	81%		30-150%
2051-24-3	Decachlorobiphenyl	74%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-14 (12)		
Lab Sample ID:	MC446-5	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	83.9
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	5.2	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	18.7	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.94	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	1.7	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	37.2	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	223	2.3	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	261	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.58	0.036	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	39.1	3.7	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 0.92	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	2.2	0.46	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.92	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	26.6	0.92	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	1280	1.8	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-15 (12)		
Lab Sample ID:	MC446-6	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53355.D	1	05/27/11	AMY	n/a	n/a	MSP1770
Run #2							

	Initial Weight	Final Volume
Run #1	10.8 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	52.5	2.7	ug/kg	
107-13-1	Acrylonitrile	ND	2.7	ug/kg	
71-43-2	Benzene	0.44	0.27	ug/kg	
108-86-1	Bromobenzene	ND	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
74-83-9	Bromomethane	ND	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	2.7	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
74-87-3	Chloromethane	ND	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-15 (12)		
Lab Sample ID:	MC446-6	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
76-13-1	Freon 113	ND	2.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.7	ug/kg	
591-78-6	2-Hexanone	ND	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.7	ug/kg	
74-95-3	Methylene bromide	ND	2.7	ug/kg	
75-09-2	Methylene chloride	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	2.7	ug/kg	
103-65-1	n-Propylbenzene	ND	2.7	ug/kg	
100-42-5	Styrene	ND	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethene	ND	1.1	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.4	ug/kg	
108-88-3	Toluene	ND	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	ug/kg	
75-01-4	Vinyl chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-15 (12)		
Lab Sample ID:	MC446-6	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	122%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-15 (12)		
Lab Sample ID:	MC446-6	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72861.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	576	280	ug/kg	
50-32-8	Benzo(a)pyrene	462	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	408	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	372	280	ug/kg	
218-01-9	Chrysene	549	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
206-44-0	Fluoranthene	1230	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
85-01-8	Phenanthrene	861	280	ug/kg	
129-00-0	Pyrene	1060	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		30-130%
321-60-8	2-Fluorobiphenyl	61%		30-130%
1718-51-0	Terphenyl-d14	73%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-15 (12)		
Lab Sample ID:	MC446-6	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	85.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51472.D	1	05/26/11	SS	05/25/11	OP25042	GBC2479
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	232	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	70%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-15 (12)		
Lab Sample ID:	MC446-6	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66003.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	120	ug/kg	
11104-28-2	Aroclor 1221	ND	120	ug/kg	
11141-16-5	Aroclor 1232	ND	120	ug/kg	
53469-21-9	Aroclor 1242	ND	120	ug/kg	
12672-29-6	Aroclor 1248	ND	120	ug/kg	
11097-69-1	Aroclor 1254	ND	120	ug/kg	
11096-82-5	Aroclor 1260	ND	120	ug/kg	
37324-23-5	Aroclor 1262	ND	120	ug/kg	
11100-14-4	Aroclor 1268	ND	120	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	81%		30-150%
2051-24-3	Decachlorobiphenyl	78%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-15 (12)		
Lab Sample ID:	MC446-6	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	85.4
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	1.6	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	13.8	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.55	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.43	0.37	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	16.5	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	99.5	2.3	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	84.7	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.16	0.035	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	17.9	3.7	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 0.94	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.47	0.47	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.94	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	19.0	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	454	1.9	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-16 (21)		
Lab Sample ID:	MC446-7	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53324.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2							

	Initial Weight	Final Volume
Run #1	9.18 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	48.7	3.2	ug/kg	
107-13-1	Acrylonitrile	ND	3.2	ug/kg	
71-43-2	Benzene	ND	0.32	ug/kg	
108-86-1	Bromobenzene	ND	3.2	ug/kg	
75-27-4	Bromodichloromethane	ND	1.3	ug/kg	
75-25-2	Bromoform	ND	1.3	ug/kg	
74-83-9	Bromomethane	ND	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.2	ug/kg	
104-51-8	n-Butylbenzene	ND	3.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.2	ug/kg	
75-15-0	Carbon disulfide	ND	3.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	ug/kg	
75-00-3	Chloroethane	ND	3.2	ug/kg	
67-66-3	Chloroform	ND	1.3	ug/kg	
74-87-3	Chloromethane	ND	3.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16 (21)		
Lab Sample ID:	MC446-7	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	ug/kg	
76-13-1	Freon 113	ND	3.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.2	ug/kg	
591-78-6	2-Hexanone	ND	3.2	ug/kg	
98-82-8	Isopropylbenzene	ND	3.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.2	ug/kg	
74-95-3	Methylene bromide	ND	3.2	ug/kg	
75-09-2	Methylene chloride	ND	1.3	ug/kg	
91-20-3	Naphthalene	ND	3.2	ug/kg	
103-65-1	n-Propylbenzene	ND	3.2	ug/kg	
100-42-5	Styrene	ND	3.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ug/kg	
127-18-4	Tetrachloroethene	ND	1.3	ug/kg	
109-99-9	Tetrahydrofuran	ND	6.4	ug/kg	
108-88-3	Toluene	ND	3.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	3.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	ug/kg	
79-01-6	Trichloroethene	ND	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.2	ug/kg	
75-01-4	Vinyl chloride	ND	1.3	ug/kg	
	m,p-Xylene	ND	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	129%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16 (21)		
Lab Sample ID:	MC446-7	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	126%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16 (21)		
Lab Sample ID:	MC446-7	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72862.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	53%		30-130%
321-60-8	2-Fluorobiphenyl	57%		30-130%
1718-51-0	Terphenyl-d14	68%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16 (21)		
Lab Sample ID:	MC446-7	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51462.D	1	05/26/11	SS	05/25/11	OP25042	GBC2479
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	62%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16 (21)		
Lab Sample ID:	MC446-7	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66004.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		30-150%
877-09-8	Tetrachloro-m-xylene	84%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16 (21)		
Lab Sample ID:	MC446-7	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Arsenic [a]	2.6	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Beryllium [a]	2.0	0.72	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium [a]	< 0.72	0.72	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium [a]	11.4	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Copper [a]	17.5	4.5	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead [a]	5.5	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	< 0.035	0.035	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [1]	SW846 7470A [4]
Nickel [a]	31.4	7.2	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Selenium [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Silver [a]	< 0.90	0.90	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Thallium [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Vanadium [a]	24.5	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Zinc [a]	50.2	3.6	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA13005
(2) Instrument QC Batch: MA13010
(3) Prep QC Batch: MP17107
(4) Prep QC Batch: MP17110

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-16D (21)		
Lab Sample ID:	MC446-8	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53356.D	1	05/27/11	AMY	n/a	n/a	MSP1770
Run #2							

	Initial Weight	Final Volume
Run #1	9.03 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	68.2	3.3	ug/kg	
107-13-1	Acrylonitrile	ND	3.3	ug/kg	
71-43-2	Benzene	ND	0.33	ug/kg	
108-86-1	Bromobenzene	ND	3.3	ug/kg	
75-27-4	Bromodichloromethane	ND	1.3	ug/kg	
75-25-2	Bromoform	ND	1.3	ug/kg	
74-83-9	Bromomethane	ND	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.3	ug/kg	
75-15-0	Carbon disulfide	ND	3.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	ug/kg	
75-00-3	Chloroethane	ND	3.3	ug/kg	
67-66-3	Chloroform	ND	1.3	ug/kg	
74-87-3	Chloromethane	ND	3.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16D (21)		
Lab Sample ID:	MC446-8	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	ug/kg	
76-13-1	Freon 113	ND	3.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.3	ug/kg	
591-78-6	2-Hexanone	ND	3.3	ug/kg	
98-82-8	Isopropylbenzene	ND	3.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.3	ug/kg	
74-95-3	Methylene bromide	ND	3.3	ug/kg	
75-09-2	Methylene chloride	ND	1.3	ug/kg	
91-20-3	Naphthalene	ND	3.3	ug/kg	
103-65-1	n-Propylbenzene	ND	3.3	ug/kg	
100-42-5	Styrene	ND	3.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ug/kg	
127-18-4	Tetrachloroethene	ND	1.3	ug/kg	
109-99-9	Tetrahydrofuran	ND	6.5	ug/kg	
108-88-3	Toluene	ND	3.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	3.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	ug/kg	
79-01-6	Trichloroethene	ND	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.3	ug/kg	
75-01-4	Vinyl chloride	ND	1.3	ug/kg	
	m,p-Xylene	ND	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	125%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16D (21)		
Lab Sample ID:	MC446-8	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	122%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16D (21)		
Lab Sample ID:	MC446-8	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72863.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		30-130%
321-60-8	2-Fluorobiphenyl	59%		30-130%
1718-51-0	Terphenyl-d14	67%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16D (21)		
Lab Sample ID:	MC446-8	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	85.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51458.D	1	05/26/11	SS	05/25/11	OP25042	GBC2479
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	51%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16D (21)		
Lab Sample ID:	MC446-8	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66005.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	16.0 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		30-150%
877-09-8	Tetrachloro-m-xylene	83%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%
2051-24-3	Decachlorobiphenyl	78%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-16D (21)		
Lab Sample ID:	MC446-8	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	85.2
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Arsenic [a]	2.5	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Beryllium [a]	2.1	0.72	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium [a]	< 0.72	0.72	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium [a]	11.7	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Copper [a]	16.5	4.5	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead [a]	5.9	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	< 0.037	0.037	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [1]	SW846 7470A [4]
Nickel [a]	32.0	7.2	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Selenium [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Silver [a]	< 0.90	0.90	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Thallium [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Vanadium [a]	24.0	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Zinc [a]	51.2	3.6	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA13005
(2) Instrument QC Batch: MA13010
(3) Prep QC Batch: MP17107
(4) Prep QC Batch: MP17110

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53357.D	1	05/27/11	AMY	n/a	n/a	MSP1770
Run #2							

	Initial Weight	Final Volume
Run #1	8.97 g	5.0 ml
Run #2		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	62.9	3.3	ug/kg	
107-13-1	Acrylonitrile	ND	3.3	ug/kg	
71-43-2	Benzene	ND	0.33	ug/kg	
108-86-1	Bromobenzene	ND	3.3	ug/kg	
75-27-4	Bromodichloromethane	ND	1.3	ug/kg	
75-25-2	Bromoform	ND	1.3	ug/kg	
74-83-9	Bromomethane	ND	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.3	ug/kg	
75-15-0	Carbon disulfide	ND	3.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	ug/kg	
75-00-3	Chloroethane	ND	3.3	ug/kg	
67-66-3	Chloroform	ND	1.3	ug/kg	
74-87-3	Chloromethane	ND	3.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	ug/kg	
76-13-1	Freon 113	ND	3.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.3	ug/kg	
591-78-6	2-Hexanone	ND	3.3	ug/kg	
98-82-8	Isopropylbenzene	ND	3.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.3	ug/kg	
74-95-3	Methylene bromide	ND	3.3	ug/kg	
75-09-2	Methylene chloride	ND	1.3	ug/kg	
91-20-3	Naphthalene	ND	3.3	ug/kg	
103-65-1	n-Propylbenzene	ND	3.3	ug/kg	
100-42-5	Styrene	ND	3.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ug/kg	
127-18-4	Tetrachloroethene	ND	1.3	ug/kg	
109-99-9	Tetrahydrofuran	ND	6.5	ug/kg	
108-88-3	Toluene	ND	3.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	3.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	ug/kg	
79-01-6	Trichloroethene	ND	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.3	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.3	ug/kg	
75-01-4	Vinyl chloride	ND	1.3	ug/kg	
	m,p-Xylene	ND	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	121%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72864.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	56%		30-130%
321-60-8	2-Fluorobiphenyl	60%		30-130%
1718-51-0	Terphenyl-d14	75%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51473.D	1	05/26/11	SS	05/25/11	OP25042	GBC2478
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	64%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66007.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	82%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	77%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-17 (21)		
Lab Sample ID:	MC446-9	**Date Sampled:**	05/20/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	85.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Arsenic [a]	2.6	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Beryllium [a]	2.1	0.73	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Cadmium [a]	< 0.73	0.73	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Chromium [a]	11.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Copper [a]	16.9	4.6	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Lead [a]	5.5	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Mercury	< 0.035	0.035	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [1]	SW846 7470A [4]
Nickel [a]	31.9	7.3	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Selenium [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Silver [a]	< 0.91	0.91	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Thallium [a]	< 1.8	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Vanadium [a]	24.1	1.8	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]
Zinc [a]	50.2	3.6	mg/kg	2	05/24/11	05/25/11	DA	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA13005
(2) Instrument QC Batch: MA13010
(3) Prep QC Batch: MP17107
(4) Prep QC Batch: MP17110

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53327.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53358.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	12.8 g	5.0 ml
Run #2	13.1 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	2.2	ug/kg	
107-13-1	Acrylonitrile	ND	2.2	ug/kg	
71-43-2	Benzene	3.4	0.22	ug/kg	
108-86-1	Bromobenzene	ND	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	0.87	ug/kg	
75-25-2	Bromoform	ND	0.87	ug/kg	
74-83-9	Bromomethane	ND	0.87	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	0.87	ug/kg	
108-90-7	Chlorobenzene	ND	0.87	ug/kg	
75-00-3	Chloroethane	ND	2.2	ug/kg	
67-66-3	Chloroform	ND	0.87	ug/kg	
74-87-3	Chloromethane	ND	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	ug/kg	
124-48-1	Dibromochloromethane	ND	0.87	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.87	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.87	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.87	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.87	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	0.87	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.87	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.87	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.87	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.87	ug/kg	
78-87-5	1,2-Dichloropropane	ND	0.87	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.87	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.87	ug/kg	
100-41-4	Ethylbenzene	ND	0.87	ug/kg	
76-13-1	Freon 113	ND	2.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.2	ug/kg	
591-78-6	2-Hexanone	ND	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.87	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.2	ug/kg	
74-95-3	Methylene bromide	ND	2.2	ug/kg	
75-09-2	Methylene chloride	ND	0.87	ug/kg	
91-20-3	Naphthalene	ND	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	ug/kg	
100-42-5	Styrene	ND	2.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.87	ug/kg	
127-18-4	Tetrachloroethene	ND	0.87	ug/kg	
109-99-9	Tetrahydrofuran	ND	4.3	ug/kg	
108-88-3	Toluene	ND	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.87	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.87	ug/kg	
79-01-6	Trichloroethene	ND	0.87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	0.87	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	ug/kg	
75-01-4	Vinyl chloride	ND	0.87	ug/kg	
	m,p-Xylene	ND	0.87	ug/kg	
95-47-6	o-Xylene	ND	0.87	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	135% [b]	0% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	125%	151% [b]	70-130%
460-00-4	4-Bromofluorobenzene	103%	0% [b]	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72865.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	270	ug/kg	
208-96-8	Acenaphthylene	ND	270	ug/kg	
120-12-7	Anthracene	ND	270	ug/kg	
56-55-3	Benzo(a)anthracene	ND	270	ug/kg	
50-32-8	Benzo(a)pyrene	ND	270	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	270	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	270	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	270	ug/kg	
218-01-9	Chrysene	ND	270	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	270	ug/kg	
206-44-0	Fluoranthene	ND	270	ug/kg	
86-73-7	Fluorene	ND	270	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	270	ug/kg	
91-20-3	Naphthalene	ND	270	ug/kg	
85-01-8	Phenanthrene	ND	270	ug/kg	
129-00-0	Pyrene	ND	270	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	55%		30-130%
321-60-8	2-Fluorobiphenyl	58%		30-130%
1718-51-0	Terphenyl-d14	69%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51469.D	1	05/26/11	SS	05/25/11	OP25042	GBC2478
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	52%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66008.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		30-150%
877-09-8	Tetrachloro-m-xylene	88%		30-150%
2051-24-3	Decachlorobiphenyl	80%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-18 (3)		
Lab Sample ID:	MC446-10	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	89.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.88	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	28.6	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.68	0.35	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 0.35	0.35	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	13.7	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	14.8	2.2	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	6.7	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.037	0.033	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	16.7	3.5	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 0.88	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.44	0.44	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.88	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	70.5	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	24.7	1.8	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53328.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53359.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	9.95 g	5.0 ml
Run #2	11.0 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	10.6	2.9	ug/kg	
107-13-1	Acrylonitrile	ND	2.9	ug/kg	
71-43-2	Benzene	ND	0.29	ug/kg	
108-86-1	Bromobenzene	ND	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	1.2	ug/kg	
75-25-2	Bromoform	ND	1.2	ug/kg	
74-83-9	Bromomethane	ND	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.9	ug/kg	
75-15-0	Carbon disulfide	ND	2.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	1.2	ug/kg	
75-00-3	Chloroethane	ND	2.9	ug/kg	
67-66-3	Chloroform	ND	1.2	ug/kg	
74-87-3	Chloromethane	ND	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	ug/kg	
124-48-1	Dibromochloromethane	ND	1.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.2	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	ug/kg	
76-13-1	Freon 113	ND	2.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.9	ug/kg	
591-78-6	2-Hexanone	ND	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.9	ug/kg	
74-95-3	Methylene bromide	ND	2.9	ug/kg	
75-09-2	Methylene chloride	ND	1.2	ug/kg	
91-20-3	Naphthalene	ND	2.9	ug/kg	
103-65-1	n-Propylbenzene	ND	2.9	ug/kg	
100-42-5	Styrene	ND	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	ug/kg	
127-18-4	Tetrachloroethene	ND	1.2	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.9	ug/kg	
108-88-3	Toluene	ND	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.2	ug/kg	
79-01-6	Trichloroethene	ND	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.9	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	ug/kg	
75-01-4	Vinyl chloride	ND	1.2	ug/kg	
	m,p-Xylene	ND	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	156% [b]	151% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	130%	129%	70-130%
460-00-4	4-Bromofluorobenzene	110%	113%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72866.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	280	ug/kg	
208-96-8	Acenaphthylene	ND	280	ug/kg	
120-12-7	Anthracene	ND	280	ug/kg	
56-55-3	Benzo(a)anthracene	ND	280	ug/kg	
50-32-8	Benzo(a)pyrene	ND	280	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	280	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	280	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	280	ug/kg	
218-01-9	Chrysene	ND	280	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	280	ug/kg	
206-44-0	Fluoranthene	ND	280	ug/kg	
86-73-7	Fluorene	ND	280	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	280	ug/kg	
91-20-3	Naphthalene	ND	280	ug/kg	
85-01-8	Phenanthrene	ND	280	ug/kg	
129-00-0	Pyrene	ND	280	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	54%		30-130%
321-60-8	2-Fluorobiphenyl	63%		30-130%
1718-51-0	Terphenyl-d14	78%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51468.D	1	05/26/11	SS	05/25/11	OP25042	GBC2479
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	102	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	50%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66009.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		30-150%
877-09-8	Tetrachloro-m-xylene	92%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.88	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	71.4	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	1.5	0.35	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.46	0.35	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	91.7	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	37.1	2.2	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	13.0	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.11	0.035	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	146	3.5	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	2.4	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.44	0.44	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	1.0	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	746	0.88	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	37.9	1.8	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53329.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53360.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	9.12 g	5.0 ml
Run #2	10.7 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	3.6	ug/kg	
107-13-1	Acrylonitrile	ND	3.6	ug/kg	
71-43-2	Benzene	ND	0.36	ug/kg	
108-86-1	Bromobenzene	ND	3.6	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	ug/kg	
75-25-2	Bromoform	ND	1.5	ug/kg	
74-83-9	Bromomethane	ND	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	3.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.6	ug/kg	
75-15-0	Carbon disulfide	ND	3.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	ug/kg	
75-00-3	Chloroethane	ND	3.6	ug/kg	
67-66-3	Chloroform	1.6	1.5	ug/kg	
74-87-3	Chloromethane	ND	3.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.6	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	3.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	3.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	ug/kg	
76-13-1	Freon 113	ND	3.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	3.6	ug/kg	
591-78-6	2-Hexanone	ND	3.6	ug/kg	
98-82-8	Isopropylbenzene	ND	3.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.6	ug/kg	
74-95-3	Methylene bromide	ND	3.6	ug/kg	
75-09-2	Methylene chloride	ND	1.5	ug/kg	
91-20-3	Naphthalene	ND	3.6	ug/kg	
103-65-1	n-Propylbenzene	ND	3.6	ug/kg	
100-42-5	Styrene	ND	3.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	ug/kg	
109-99-9	Tetrahydrofuran	ND	7.3	ug/kg	
108-88-3	Toluene	ND	3.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	3.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ug/kg	
79-01-6	Trichloroethene	ND	1.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	3.6	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.6	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	ug/kg	
	m,p-Xylene	ND	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	253% [b]	247% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	148% [b]	149% [b]	70-130%
460-00-4	4-Bromofluorobenzene	102%	101%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3545	**Percent Solids:**	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I73040.D	1	06/03/11	KR	06/01/11	OP25102	MSI2629
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	330	ug/kg	
208-96-8	Acenaphthylene	ND	330	ug/kg	
120-12-7	Anthracene	ND	330	ug/kg	
56-55-3	Benzo(a)anthracene	ND	330	ug/kg	
50-32-8	Benzo(a)pyrene	ND	330	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	330	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	330	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	330	ug/kg	
218-01-9	Chrysene	ND	330	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	330	ug/kg	
206-44-0	Fluoranthene	ND	330	ug/kg	
86-73-7	Fluorene	ND	330	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	330	ug/kg	
91-20-3	Naphthalene	ND	330	ug/kg	
85-01-8	Phenanthrene	ND	330	ug/kg	
129-00-0	Pyrene	ND	330	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		30-130%
321-60-8	2-Fluorobiphenyl	75%		30-130%
1718-51-0	Terphenyl-d14	70%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3545	**Percent Solids:**	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51502.D	1	06/01/11	SS	05/31/11	OP25095	GBC2482
Run #2 [a]	BC51461.D	1	05/26/11	SS	05/25/11	OP25042	GBC2478

	Initial Weight	Final Volume
Run #1	15.0 g	1.0 ml
Run #2	15.5 g	1.0 ml

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	214	22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	41% [b]	18% [b]	50-137%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by re-extraction/reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66010.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	130	ug/kg	
11104-28-2	Aroclor 1221	ND	130	ug/kg	
11141-16-5	Aroclor 1232	ND	130	ug/kg	
53469-21-9	Aroclor 1242	ND	130	ug/kg	
12672-29-6	Aroclor 1248	ND	130	ug/kg	
11097-69-1	Aroclor 1254	ND	130	ug/kg	
11096-82-5	Aroclor 1260	ND	130	ug/kg	
37324-23-5	Aroclor 1262	ND	130	ug/kg	
11100-14-4	Aroclor 1268	ND	130	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	53%		30-150%
877-09-8	Tetrachloro-m-xylene	55%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-20 (7)		
Lab Sample ID:	MC446-12	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	75.5
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.99	0.99	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	87.3	0.99	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	2.4	0.40	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.87	0.40	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	27.4	0.99	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	26.1	2.5	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	13.0	0.99	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.19	0.040	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	26.2	4.0	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	2.1	0.99	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.49	0.49	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	1.7	0.99	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	74.6	0.99	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	36.0	2.0	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53330.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53361.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	11.1 g	5.0 ml
Run #2	11.6 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	2.8	2.7	ug/kg	
107-13-1	Acrylonitrile	ND	2.7	ug/kg	
71-43-2	Benzene	ND	0.27	ug/kg	
108-86-1	Bromobenzene	ND	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
74-83-9	Bromomethane	ND	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	2.7	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
74-87-3	Chloromethane	ND	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
76-13-1	Freon 113	ND	2.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.7	ug/kg	
591-78-6	2-Hexanone	ND	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.7	ug/kg	
74-95-3	Methylene bromide	ND	2.7	ug/kg	
75-09-2	Methylene chloride	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	2.7	ug/kg	
103-65-1	n-Propylbenzene	ND	2.7	ug/kg	
100-42-5	Styrene	ND	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethene	ND	1.1	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.4	ug/kg	
108-88-3	Toluene	ND	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	ug/kg	
75-01-4	Vinyl chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	165% [b]	177% [b]	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	132% [b]	141% [b]	70-130%
460-00-4	4-Bromofluorobenzene	115%	121%	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72868.D	1	05/27/11	KR	05/25/11	OP25044	MSI2619
Run #2 [a]	I72889.D	1	05/27/11	KR	05/25/11	OP25044	MSI2620

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2	20.7 g	1.0 ml

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	290	ug/kg	
208-96-8	Acenaphthylene	ND	290	ug/kg	
120-12-7	Anthracene	ND	290	ug/kg	
56-55-3	Benzo(a)anthracene	ND	290	ug/kg	
50-32-8	Benzo(a)pyrene	ND	290	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	290	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	290	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	290	ug/kg	
218-01-9	Chrysene	ND	290	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	290	ug/kg	
206-44-0	Fluoranthene	ND	290	ug/kg	
86-73-7	Fluorene	ND	290	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290	ug/kg	
91-20-3	Naphthalene	ND	290	ug/kg	
85-01-8	Phenanthrene	ND	290	ug/kg	
129-00-0	Pyrene	ND	290	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	40%	39%	30-130%
321-60-8	2-Fluorobiphenyl	42%	43%	30-130%
1718-51-0	Terphenyl-d14	28% [b]	26% [b]	30-130%

(a) Confirmation run for surrogate recoveries.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3545	**Percent Solids:**	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BC51503.D	1	06/01/11	SS	05/31/11	OP25095	GBC2482
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	129	19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	51%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66011.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	110	ug/kg	
11104-28-2	Aroclor 1221	ND	110	ug/kg	
11141-16-5	Aroclor 1232	ND	110	ug/kg	
53469-21-9	Aroclor 1242	ND	110	ug/kg	
12672-29-6	Aroclor 1248	ND	110	ug/kg	
11097-69-1	Aroclor 1254	ND	110	ug/kg	
11096-82-5	Aroclor 1260	ND	110	ug/kg	
37324-23-5	Aroclor 1262	ND	110	ug/kg	
11100-14-4	Aroclor 1268	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	76%		30-150%
2051-24-3	Decachlorobiphenyl	74%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.94	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	48.2	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	1.2	0.38	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.40	0.38	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	18.4	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	20.6	2.4	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	9.6	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.083	0.036	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	37.2	3.8	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	1.1	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.47	0.47	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.94	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	133	0.94	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	30.0	1.9	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P53331.D	1	05/26/11	AMY	n/a	n/a	MSP1769
Run #2 [a]	P53362.D	1	05/27/11	AMY	n/a	n/a	MSP1770

	Initial Weight	Final Volume
Run #1	9.89 g	5.0 ml
Run #2	12.0 g	5.0 ml

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	2.7	ug/kg	
107-13-1	Acrylonitrile	ND	2.7	ug/kg	
71-43-2	Benzene	ND	0.27	ug/kg	
108-86-1	Bromobenzene	ND	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	ug/kg	
75-25-2	Bromoform	ND	1.1	ug/kg	
74-83-9	Bromomethane	ND	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	ug/kg	
75-00-3	Chloroethane	ND	2.7	ug/kg	
67-66-3	Chloroform	ND	1.1	ug/kg	
74-87-3	Chloromethane	ND	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	ug/kg	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	ug/kg	
76-13-1	Freon 113	ND	2.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.7	ug/kg	
591-78-6	2-Hexanone	ND	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	2.7	ug/kg	
74-95-3	Methylene bromide	ND	2.7	ug/kg	
75-09-2	Methylene chloride	ND	1.1	ug/kg	
91-20-3	Naphthalene	ND	2.7	ug/kg	
103-65-1	n-Propylbenzene	ND	2.7	ug/kg	
100-42-5	Styrene	ND	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	ug/kg	
127-18-4	Tetrachloroethene	ND	1.1	ug/kg	
109-99-9	Tetrahydrofuran	ND	5.5	ug/kg	
108-88-3	Toluene	ND	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	ug/kg	
79-01-6	Trichloroethene	ND	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	ug/kg	
75-01-4	Vinyl chloride	ND	1.1	ug/kg	
	m,p-Xylene	ND	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	128%	130%	70-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8260B	**Percent Solids:**	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

VOA RCP List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	130%	127%	70-130%
460-00-4	4-Bromofluorobenzene	122%	136% [b]	70-130%

(a) Confirmation run.
(b) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8270C SW846 3546	**Percent Solids:**	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I72869.D	1	05/27/11	KR	05/25/11	OP25044	MSI2619
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	260	ug/kg	
208-96-8	Acenaphthylene	ND	260	ug/kg	
120-12-7	Anthracene	ND	260	ug/kg	
56-55-3	Benzo(a)anthracene	ND	260	ug/kg	
50-32-8	Benzo(a)pyrene	ND	260	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	260	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	260	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	260	ug/kg	
218-01-9	Chrysene	ND	260	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	260	ug/kg	
206-44-0	Fluoranthene	ND	260	ug/kg	
86-73-7	Fluorene	ND	260	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	260	ug/kg	
91-20-3	Naphthalene	ND	260	ug/kg	
85-01-8	Phenanthrene	ND	260	ug/kg	
129-00-0	Pyrene	ND	260	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		30-130%
321-60-8	2-Fluorobiphenyl	63%		30-130%
1718-51-0	Terphenyl-d14	74%		30-130%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	CT-ETPH 7/06 SW846 3546	**Percent Solids:**	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BG27671.D	1	05/27/11	KD	05/25/11	OP25042	GBG945
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	52.1	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	61%		50-137%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
Method:	SW846 8082 SW846 3546	**Percent Solids:**	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ66012.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

CT Polychlorinated Biphenyls RCP List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	100	ug/kg	
11104-28-2	Aroclor 1221	ND	100	ug/kg	
11141-16-5	Aroclor 1232	ND	100	ug/kg	
53469-21-9	Aroclor 1242	ND	100	ug/kg	
12672-29-6	Aroclor 1248	ND	100	ug/kg	
11097-69-1	Aroclor 1254	ND	100	ug/kg	
11096-82-5	Aroclor 1260	ND	100	ug/kg	
37324-23-5	Aroclor 1262	ND	100	ug/kg	
11100-14-4	Aroclor 1268	ND	100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	92%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SDTRENCH-22 (18)		
Lab Sample ID:	MC446-14	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	92.0
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.84	0.84	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Arsenic	8.4	0.84	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.59	0.33	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 0.33	0.33	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Chromium	15.0	0.84	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Copper	20.5	2.1	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [3]	SW846 3050B [4]
Lead	6.6	0.84	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Mercury	< 0.032	0.032	mg/kg	1	05/25/11	05/25/11	MA	SW846 7471A [2]	SW846 7470A [5]
Nickel	17.9	3.3	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Selenium	< 0.84	0.84	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Silver	< 0.42	0.42	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Thallium	< 0.84	0.84	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Vanadium	34.6	0.84	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]
Zinc	32.8	1.7	mg/kg	1	05/24/11	05/25/11	DA	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA13003
(2) Instrument QC Batch: MA13005
(3) Instrument QC Batch: MA13010
(4) Prep QC Batch: MP17107
(5) Prep QC Batch: MP17110

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody
- RCP Form
- Sample Tracking Chronicle

Parameter Certification Exceptions

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Tetrahydrofuran	109-99-9	**SW846 8260B**	SO	Certified by SOP MMS105/GC-MS
Aroclor 1262	37324-23-5	**SW846 8082**	SO	Certified by SOP MGC204/GC-ECD
Aroclor 1268	11100-14-4	**SW846 8082**	SO	Certified by SOP MGC204/GC-ECD

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 2

LCD/PX Tracking #:
Accutest Quote #:
Bottle Order Control #:
Accutest Job #: MC446

Client / Reporting Information

Company Name: SHAW E&I
Street Address: 100 Technology Center Dr.
City State Zip: Stoughton MA 02072
Project Contact: Ray Cadorette E-mail:
Phone: 617-589-6102 office Fax #: 774-571-183 cell
Sampler(s) Name(s): Bill Graves Phone #: 443-243-1662

Project Information

Project Name: NRG Middletown
Street: 1866 River Rd
City: Middle Town, CT
Project#: 1009634013
Client PO#: 689715
Project Manager: Ray Cadorette

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

VOC 8260 / 5035
VOA 10 mL vial + 2 40 ml Std Bi
PDT + SPLP MET PCB, CT ETPH
PDT + SPLP 8270 C 1-500 ml

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO Soil
SL- Sludge
SED Sediment
OI Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipes
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Sod Bis	VOC 8260 / 5035	VOA 10 mL vial + 2 40 ml Std Bi	LAB USE ONLY
-1	SDTRENCH-10 (3)		5-20-11	1400	BG	Soil	4					✓		✓		✓	3	1	
-2	SDTRENCH-11 (3)		5-20-11	1415	BG	Soil	4						✓		✓	✓	3	1	
-3	SDTRENCH-12 (8)		5-20-11	1430	BG	Soil	4						✓		✓	✓	3	1	
-4	SDTRENCH-13 (8)		5-20-11	1440	BG	Soil	4						✓		✓	✓	3	1	
-5	SDTRENCH-14 (12)		5-20-11	1500	BG	Soil	4						✓		✓	✓	3	1	
-6	SDTRENCH-15 (12)		5-20-11	1510	BG	Soil	4						✓		✓	✓	3	1	
-7	SDTRENCH-16 (21)		5-20-11	1530	BG	Soil	4						✓		✓	✓	3	1	
-8	SDTRENCH-16D (21)		5-20-11	1530	BG	Soil	4						✓		✓	✓	3	1	
-9	SDTRENCH-17 (21)		5-20-11	1540	BG	Soil	4						✓		✓	✓	3	1	
-10	SDTRENCH-18 (3)		5-23-11	0900	BG	Soil	4						✓		✓	✓	3	1	
-11	SDTRENCH-19 (3)		5-23-11	0915	BG	Soil	4						✓		✓	✓	3	1	13D, 16D
-12	SDTRENCH-20 (7)		5-23-11	0925	BG	Soil	4						✓		✓	✓	3	1	

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract only)
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

72 hour TAT

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format
- ☐ Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

LAB QUOTE #5 NRG Account Pricing
QA/QC Reporting Level CT DEP RCP
Detection levels must meet CT RES DEC
and GB PMC Standards
72 hour TAT
Refer to Site Specific QAPP

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	5/23/11 1335	1	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐

On Ice ☑ Cooler Temp 7.9

4.2
4

MC446: Chain of Custody
Page 1 of 3

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 2 OF 2

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC446

Client / Reporting Information

Company Name: Shaw E&I
Street Address: 100 Technology Center Dr
City: Stoughton State: MA Zip: 02072
Project Contact: Ray Cadorette E-mail:
Phone #: 617-589-6102 Fax #: 774-571-1183 cell
Sampler(s) Name(s): Bill Groves Phone #: 443-243-1662

Project Information

Project Name: NRG Middletown
Street: 1866 River Rd
City: Middle Town, CT
Project #: 100963401.3
Client PO#: 689715
Project Manager: Ray Cadorette

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

VOC 8260 (Soil) 1 vial (non Meoh) 2 vial (non Meoh) TOT PCB, OTEP PH TOT PCB 8270 C 1 jar

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
S-FD-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB Field Blank
ED- Equipment Blank
RB - Rinse Blank
TB Trip Blank

Accutest Sample #	Field ID / Point of Collection	MeOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	VOC 8260 (Soil)	TOT PCB, OTEP PH	LAB USE ONLY
-13	SD TRENCH-21 (17)		5-23-11	0940	BG	Soil	4						1		1	1	3	1	
-14	SD TRENCH-22 (18)		5-23-11	0950	BG	Soil	4						1		1	1	3	1	
	~~SD TRENCH-23 (19)~~																		

5-23-11

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

72 hr TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

LAB Quotes NRG Account Pricing
QA/QC Reporting Level CT DEP RCP
Detection levels must meet CT RES DEC
and GB PMC Standards
72 hr TAT
Refer to site Specific QAPP

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	5/23/11 1335	1	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Intact / Not Intact	Preserved where applicable / On Ice / Cooler Temp. 1.9

4.2 4

MC446: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC446 **Client:** SHAW **Immediate Client Services Action Required:** No

Date / Time Received: 5/23/2011 **Delivery Method:** **Client Service Action Required at Login:** No

Project: NRG MIDDLETOWN **No. Coolers:** 1 **Airbill #'s:** N/A

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: **Accutest New England** **Client:** **Shaw Environmental & Infrastructure**

Project Location: **NRG Middletown 1866 River Rd. Middletown CT** **Project Number:** **1009634013**

Sampling Date(s): **5/20/2011**

Laboratory Sample ID(s): MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

Methods: Refer to case narrative.

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☐ No ☑
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) Were these reporting limits met?	Yes ☑ No ☐
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes ☐ No ☑
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ☑ No ☐

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Position: Lab Director

Printed Name: Reza Tand Date: 6/6/2011
Accutest New England

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC446

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC446-1	Collected: 20-MAY-11 14:00 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-10 (3)						
MC446-1	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-1	SW846 6010C	25-MAY-11 02:58	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-1	SW846 6010C	25-MAY-11 10:05	DA	24-MAY-11	EM	CU
MC446-1	SW846 7471A	25-MAY-11 13:46	MA	25-MAY-11	MA	HG
MC446-1	SW846 8260B	26-MAY-11 09:01	AMY			V8260RCP
MC446-1	SW846 8082	26-MAY-11 15:40	KD	25-MAY-11	FC	P8082RCP
MC446-1	SW846 8260B	26-MAY-11 15:58	AMY			V8260RCP
MC446-1	SW846 8270C	26-MAY-11 17:58	KR	25-MAY-11	FC	B8270PAH
MC446-1	CT-ETPH 7/06	27-MAY-11 13:18	KD	25-MAY-11	MEW	BCTTPH
MC446-1	SW846 8270C	27-MAY-11 15:19	KR	25-MAY-11	FC	B8270PAH
MC446-2	Collected: 20-MAY-11 14:15 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-11 (3)						
MC446-2	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-2	SW846 6010C	25-MAY-11 03:32	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-2	SW846 6010C	25-MAY-11 10:31	DA	24-MAY-11	EM	CU
MC446-2	SW846 7471A	25-MAY-11 13:48	MA	25-MAY-11	MA	HG
MC446-2	SW846 8260B	26-MAY-11 09:29	AMY			V8260RCP
MC446-2	CT-ETPH 7/06	26-MAY-11 12:30	SS	25-MAY-11	MEW	BCTTPH
MC446-2	SW846 8082	26-MAY-11 16:02	KD	25-MAY-11	FC	P8082RCP
MC446-2	SW846 8260B	26-MAY-11 16:26	AMY			V8260RCP
MC446-2	SW846 8270C	26-MAY-11 18:30	KR	25-MAY-11	FC	B8270PAH
MC446-3	Collected: 20-MAY-11 14:30 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-12 (8)						
MC446-3	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-3	SW846 6010C	25-MAY-11 03:37	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-3	SW846 6010C	25-MAY-11 10:35	DA	24-MAY-11	EM	CU
MC446-3	SW846 7471A	25-MAY-11 13:50	MA	25-MAY-11	MA	HG
MC446-3	SW846 8260B	26-MAY-11 09:57	AMY			V8260RCP
MC446-3	SW846 8082	26-MAY-11 16:23	KD	25-MAY-11	FC	P8082RCP
MC446-3	SW846 8260B	26-MAY-11 16:54	AMY			V8260RCP

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC446

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC446-3	SW846 8270C	26-MAY-11 19:02	KR	25-MAY-11	FC	B8270PAH
MC446-3	CT-ETPH 7/06	27-MAY-11 12:40	KD	25-MAY-11	MEW	BCTTPH
MC446-4	Collected: 20-MAY-11 14:40 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-13 (8)						
MC446-4	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-4	SW846 6010C	25-MAY-11 03:41	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-4	SW846 6010C	25-MAY-11 10:39	DA	24-MAY-11	EM	CU
MC446-4	SW846 7471A	25-MAY-11 13:52	MA	25-MAY-11	MA	HG
MC446-4	SW846 8260B	26-MAY-11 10:25	AMY			V8260RCP
MC446-4	CT-ETPH 7/06	26-MAY-11 16:24	SS	25-MAY-11	MEW	BCTTPH
MC446-4	SW846 8082	26-MAY-11 16:38	KD	25-MAY-11	FC	P8082RCP
MC446-4	SW846 8270C	26-MAY-11 19:34	KR	25-MAY-11	FC	B8270PAH
MC446-5	Collected: 20-MAY-11 15:00 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-14 (12)						
MC446-5	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-5	SW846 6010C	25-MAY-11 03:45	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-5	SW846 6010C	25-MAY-11 10:43	DA	24-MAY-11	EM	CU
MC446-5	SW846 7471A	25-MAY-11 13:54	MA	25-MAY-11	MA	HG
MC446-5	SW846 8260B	26-MAY-11 10:52	AMY			V8260RCP
MC446-5	CT-ETPH 7/06	26-MAY-11 13:55	SS	25-MAY-11	MEW	BCTTPH
MC446-5	SW846 8082	26-MAY-11 16:59	KD	25-MAY-11	FC	P8082RCP
MC446-5	SW846 8270C	26-MAY-11 20:05	KR	25-MAY-11	FC	B8270PAH
MC446-5	SW846 8260B	27-MAY-11 01:45	AMY			V8260RCP
MC446-6	Collected: 20-MAY-11 15:10 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-15 (12)						
MC446-6	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-6	SW846 6010C	25-MAY-11 03:50	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-6	SW846 6010C	25-MAY-11 11:08	DA	24-MAY-11	EM	CU
MC446-6	SW846 7471A	25-MAY-11 13:57	MA	25-MAY-11	MA	HG
MC446-6	CT-ETPH 7/06	26-MAY-11 16:24	SS	25-MAY-11	MEW	BCTTPH
MC446-6	SW846 8082	26-MAY-11 17:14	KD	25-MAY-11	FC	P8082RCP

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC446

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC446-6	SW846 8270C	26-MAY-11 20:37	KR	25-MAY-11	FC	B8270PAH
MC446-6	SW846 8260B	27-MAY-11 02:13	AMY			V8260RCP
MC446-7	Collected: 20-MAY-11 15:30 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-16 (21)						
MC446-7	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-7	SW846 6010C	25-MAY-11 11:35	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC446-7	SW846 7471A	25-MAY-11 13:59	MA	25-MAY-11	MA	HG
MC446-7	CT-ETPH 7/06	26-MAY-11 11:10	SS	25-MAY-11	MEW	BCTTPH
MC446-7	SW846 8260B	26-MAY-11 11:48	AMY			V8260RCP
MC446-7	SW846 8082	26-MAY-11 17:35	KD	25-MAY-11	FC	P8082RCP
MC446-7	SW846 8270C	26-MAY-11 21:09	KR	25-MAY-11	FC	B8270PAH
MC446-8	Collected: 20-MAY-11 15:30 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-16D (21)						
MC446-8	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-8	SW846 6010C	25-MAY-11 11:39	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC446-8	SW846 7471A	25-MAY-11 14:01	MA	25-MAY-11	MA	HG
MC446-8	CT-ETPH 7/06	26-MAY-11 09:38	SS	25-MAY-11	MEW	BCTTPH
MC446-8	SW846 8082	26-MAY-11 17:57	KD	25-MAY-11	FC	P8082RCP
MC446-8	SW846 8270C	26-MAY-11 21:40	KR	25-MAY-11	FC	B8270PAH
MC446-8	SW846 8260B	27-MAY-11 02:40	AMY			V8260RCP
MC446-9	Collected: 20-MAY-11 15:40 By: BG		Received: 23-MAY-11 By: JB			
SDTRENCH-17 (21)						
MC446-9	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-9	SW846 6010C	25-MAY-11 12:15	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,CU,NI,PB,SB, SE,TL,V,ZN
MC446-9	SW846 7471A	25-MAY-11 13:31	MA	25-MAY-11	MA	HG
MC446-9	CT-ETPH 7/06	26-MAY-11 17:12	SS	25-MAY-11	MEW	BCTTPH
MC446-9	SW846 8082	26-MAY-11 18:33	KD	25-MAY-11	FC	P8082RCP
MC446-9	SW846 8270C	26-MAY-11 22:11	KR	25-MAY-11	FC	B8270PAH
MC446-9	SW846 8260B	27-MAY-11 03:08	AMY			V8260RCP

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC446

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC446-10 Collected: 23-MAY-11 09:00 By: BG Received: 23-MAY-11 By: JB SDTRENCH-18 (3)						
MC446-10	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-10	SW846 6010C	25-MAY-11 03:02	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-10	SW846 6010C	25-MAY-11 10:09	DA	24-MAY-11	EM	CU
MC446-10	SW846 7471A	25-MAY-11 14:08	MA	25-MAY-11	MA	HG
MC446-10	SW846 8260B	26-MAY-11 13:11	AMY			V8260RCP
MC446-10	CT-ETPH 7/06	26-MAY-11 13:55	SS	25-MAY-11	MEW	BCTTPH
MC446-10	SW846 8082	26-MAY-11 18:48	KD	25-MAY-11	FC	P8082RCP
MC446-10	SW846 8270C	26-MAY-11 22:42	KR	25-MAY-11	FC	B8270PAH
MC446-10	SW846 8260B	27-MAY-11 03:36	AMY			V8260RCP
MC446-11 Collected: 23-MAY-11 09:15 By: BG Received: 23-MAY-11 By: JB SDTRENCH-19 (3)						
MC446-11	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-11	SW846 6010C	25-MAY-11 03:06	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-11	SW846 6010C	25-MAY-11 10:13	DA	24-MAY-11	EM	CU
MC446-11	SW846 7471A	25-MAY-11 14:10	MA	25-MAY-11	MA	HG
MC446-11	CT-ETPH 7/06	26-MAY-11 13:09	SS	25-MAY-11	MEW	BCTTPH
MC446-11	SW846 8260B	26-MAY-11 13:39	AMY			V8260RCP
MC446-11	SW846 8082	26-MAY-11 19:09	KD	25-MAY-11	FC	P8082RCP
MC446-11	SW846 8270C	26-MAY-11 23:14	KR	25-MAY-11	FC	B8270PAH
MC446-11	SW846 8260B	27-MAY-11 04:04	AMY			V8260RCP
MC446-12 Collected: 23-MAY-11 09:25 By: BG Received: 23-MAY-11 By: JB SDTRENCH-20 (7)						
MC446-12	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-12	SW846 6010C	25-MAY-11 03:11	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-12	SW846 6010C	25-MAY-11 10:17	DA	24-MAY-11	EM	CU
MC446-12	SW846 7471A	25-MAY-11 14:13	MA	25-MAY-11	MA	HG
MC446-12	CT-ETPH 7/06	26-MAY-11 11:10	SS	25-MAY-11		
MC446-12	SW846 8260B	26-MAY-11 14:07	AMY			V8260RCP
MC446-12	SW846 8082	26-MAY-11 19:24	KD	25-MAY-11	FC	P8082RCP

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC446

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC446-12	SW846 8260B	27-MAY-11 04:32	AMY			V8260RCP
MC446-12	CT-ETPH 7/06	01-JUN-11 10:53	SS	31-MAY-11	MA	BCTTPH
MC446-12	SW846 8270C	03-JUN-11 13:07	KR	01-JUN-11	MEW	B8270PAH
MC446-13 Collected: 23-MAY-11 09:40 By: BG Received: 23-MAY-11 By: JB SDTRENCH-21 (7)						
MC446-13	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-13	SW846 6010C	25-MAY-11 03:15	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-13	SW846 6010C	25-MAY-11 10:22	DA	24-MAY-11	EM	CU
MC446-13	SW846 7471A	25-MAY-11 14:15	MA	25-MAY-11	MA	HG
MC446-13	SW846 8260B	26-MAY-11 14:35	AMY			V8260RCP
MC446-13	SW846 8082	26-MAY-11 19:45	KD	25-MAY-11	FC	P8082RCP
MC446-13	SW846 8270C	27-MAY-11 00:16	KR	25-MAY-11	FC	B8270PAH
MC446-13	SW846 8260B	27-MAY-11 04:59	AMY			V8260RCP
MC446-13	SW846 8270C	27-MAY-11 15:51	KR	25-MAY-11	FC	B8270PAH
MC446-13	CT-ETPH 7/06	01-JUN-11 11:33	SS	31-MAY-11	MA	BCTTPH
MC446-14 Collected: 23-MAY-11 09:50 By: BG Received: 23-MAY-11 By: JB SDTRENCH-22 (18)						
MC446-14	SM21 2540 B MOD.	24-MAY-11	HS			%SOL
MC446-14	SW846 6010C	25-MAY-11 03:19	DA	24-MAY-11	EM	AG,AS,BE,CD,CR,NI,PB,SB,SE, TL,V,ZN
MC446-14	SW846 6010C	25-MAY-11 10:26	DA	24-MAY-11	EM	CU
MC446-14	SW846 7471A	25-MAY-11 14:17	MA	25-MAY-11	MA	HG
MC446-14	SW846 8260B	26-MAY-11 15:03	AMY			V8260RCP
MC446-14	SW846 8082	26-MAY-11 20:07	KD	25-MAY-11	FC	P8082RCP
MC446-14	SW846 8270C	27-MAY-11 00:47	KR	25-MAY-11	FC	B8270PAH
MC446-14	SW846 8260B	27-MAY-11 05:27	AMY			V8260RCP
MC446-14	CT-ETPH 7/06	27-MAY-11 12:03	KD	25-MAY-11	MEW	BCTTPH

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1769-MB	P53317.D	1	05/26/11	AMY	n/a	n/a	MSP1769

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-7, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
107-13-1	Acrylonitrile	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1769-MB	P53317.D	1	05/26/11	AMY	n/a	n/a	MSP1769

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-7, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1769-MB	P53317.D	1	05/26/11	AMY	n/a	n/a	MSP1769

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-7, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	121%	70-130%
2037-26-5	Toluene-D8	123%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1770-MB	P53340.D	1	05/26/11	AMY	n/a	n/a	MSP1770

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-6, MC446-8, MC446-9

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/kg	
107-13-1	Acrylonitrile	ND	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	ug/kg	
75-25-2	Bromoform	ND	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	ug/kg	
67-66-3	Chloroform	ND	2.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1770-MB	P53340.D	1	05/26/11	AMY	n/a	n/a	MSP1770

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-6, MC446-8, MC446-9

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
76-13-1	Freon 113	ND	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/kg	
591-78-6	2-Hexanone	ND	5.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	ug/kg	
75-09-2	Methylene chloride	ND	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	ug/kg	
100-42-5	Styrene	ND	5.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	ug/kg	
109-99-9	Tetrahydrofuran	ND	10	ug/kg	
108-88-3	Toluene	ND	5.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	5.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/kg	
79-01-6	Trichloroethene	ND	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1770-MB	P53340.D	1	05/26/11	AMY	n/a	n/a	MSP1770

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-6, MC446-8, MC446-9

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	115%	70-130%
2037-26-5	Toluene-D8	125%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1769-BS	P53315.D	1	05/26/11	AMY	n/a	n/a	MSP1769

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-7, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	42.0	84	70-130
107-13-1	Acrylonitrile	50	43.9	88	70-130
71-43-2	Benzene	50	53.8	108	70-130
108-86-1	Bromobenzene	50	56.1	112	70-130
75-27-4	Bromodichloromethane	50	58.7	117	70-130
75-25-2	Bromoform	50	62.0	124	70-130
74-83-9	Bromomethane	50	44.2	88	70-130
78-93-3	2-Butanone (MEK)	50	43.8	88	70-130
104-51-8	n-Butylbenzene	50	54.7	109	70-130
135-98-8	sec-Butylbenzene	50	54.9	110	70-130
98-06-6	tert-Butylbenzene	50	55.4	111	70-130
75-15-0	Carbon disulfide	50	49.2	98	70-130
56-23-5	Carbon tetrachloride	50	60.6	121	70-130
108-90-7	Chlorobenzene	50	57.8	116	70-130
75-00-3	Chloroethane	50	53.3	107	70-130
67-66-3	Chloroform	50	52.3	105	70-130
74-87-3	Chloromethane	50	44.0	88	70-130
95-49-8	o-Chlorotoluene	50	51.9	104	70-130
106-43-4	p-Chlorotoluene	50	55.7	111	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	54.6	109	70-130
124-48-1	Dibromochloromethane	50	59.6	119	70-130
106-93-4	1,2-Dibromoethane	50	56.8	114	70-130
95-50-1	1,2-Dichlorobenzene	50	54.3	109	70-130
541-73-1	1,3-Dichlorobenzene	50	55.5	111	70-130
106-46-7	1,4-Dichlorobenzene	50	54.8	110	70-130
75-71-8	Dichlorodifluoromethane	50	47.5	95	70-130
75-34-3	1,1-Dichloroethane	50	47.3	95	70-130
107-06-2	1,2-Dichloroethane	50	54.3	109	70-130
75-35-4	1,1-Dichloroethene	50	55.2	110	70-130
156-59-2	cis-1,2-Dichloroethene	50	51.5	103	70-130
156-60-5	trans-1,2-Dichloroethene	50	51.3	103	70-130
78-87-5	1,2-Dichloropropane	50	48.5	97	70-130
142-28-9	1,3-Dichloropropane	50	53.2	106	70-130
594-20-7	2,2-Dichloropropane	50	36.9	74	70-130
563-58-6	1,1-Dichloropropene	50	56.1	112	70-130
10061-01-5	cis-1,3-Dichloropropene	50	52.9	106	70-130

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1769-BS	P53315.D	1	05/26/11	AMY	n/a	n/a	MSP1769

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-7, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	60.7	121	70-130
100-41-4	Ethylbenzene	50	56.9	114	70-130
76-13-1	Freon 113	50	51.9	104	70-130
87-68-3	Hexachlorobutadiene	50	55.4	111	70-130
591-78-6	2-Hexanone	50	44.5	89	70-130
98-82-8	Isopropylbenzene	50	61.0	122	70-130
99-87-6	p-Isopropyltoluene	50	55.2	110	70-130
1634-04-4	Methyl Tert Butyl Ether	50	51.0	102	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	46.2	92	70-130
74-95-3	Methylene bromide	50	57.3	115	70-130
75-09-2	Methylene chloride	50	44.6	89	70-130
91-20-3	Naphthalene	50	64.0	128	70-130
103-65-1	n-Propylbenzene	50	52.8	106	70-130
100-42-5	Styrene	50	64.4	129	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	59.7	119	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	48.3	97	70-130
127-18-4	Tetrachloroethene	50	60.3	121	70-130
109-99-9	Tetrahydrofuran	50	37.9	76	70-130
108-88-3	Toluene	50	60.8	122	70-130
110-57-6	Trans-1,4-Dichloro-2-Butene	50	64.1	128	70-130
87-61-6	1,2,3-Trichlorobenzene	50	69.0	138* [a]	70-130
120-82-1	1,2,4-Trichlorobenzene	50	58.8	118	70-130
71-55-6	1,1,1-Trichloroethane	50	50.9	102	70-130
79-00-5	1,1,2-Trichloroethane	50	55.1	110	70-130
79-01-6	Trichloroethene	50	58.8	118	70-130
75-69-4	Trichlorofluoromethane	50	55.8	112	70-130
96-18-4	1,2,3-Trichloropropane	50	50.8	102	70-130
95-63-6	1,2,4-Trimethylbenzene	50	57.6	115	70-130
108-67-8	1,3,5-Trimethylbenzene	50	55.0	110	70-130
75-01-4	Vinyl chloride	50	54.0	108	70-130
	m,p-Xylene	100	120	120	70-130
95-47-6	o-Xylene	50	60.8	122	70-130

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1769-BS	P53315.D	1	05/26/11	AMY	n/a	n/a	MSP1769

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-7, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	111%	70-130%
2037-26-5	Toluene-D8	120%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1770-BS	P53338.D	1	05/26/11	AMY	n/a	n/a	MSP1770

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-6, MC446-8, MC446-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	50	36.1	72	70-130
107-13-1	Acrylonitrile	50	41.7	83	70-130
71-43-2	Benzene	50	53.6	107	70-130
108-86-1	Bromobenzene	50	57.9	116	70-130
75-27-4	Bromodichloromethane	50	59.3	119	70-130
75-25-2	Bromoform	50	65.7	131* [a]	70-130
74-83-9	Bromomethane	50	47.6	95	70-130
78-93-3	2-Butanone (MEK)	50	42.8	86	70-130
104-51-8	n-Butylbenzene	50	59.2	118	70-130
135-98-8	sec-Butylbenzene	50	59.1	118	70-130
98-06-6	tert-Butylbenzene	50	58.3	117	70-130
75-15-0	Carbon disulfide	50	47.3	95	70-130
56-23-5	Carbon tetrachloride	50	63.9	128	70-130
108-90-7	Chlorobenzene	50	59.1	118	70-130
75-00-3	Chloroethane	50	55.1	110	70-130
67-66-3	Chloroform	50	52.0	104	70-130
74-87-3	Chloromethane	50	45.7	91	70-130
95-49-8	o-Chlorotoluene	50	54.1	108	70-130
106-43-4	p-Chlorotoluene	50	57.8	116	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	58.9	118	70-130
124-48-1	Dibromochloromethane	50	62.4	125	70-130
106-93-4	1,2-Dibromoethane	50	57.0	114	70-130
95-50-1	1,2-Dichlorobenzene	50	58.3	117	70-130
541-73-1	1,3-Dichlorobenzene	50	57.6	115	70-130
106-46-7	1,4-Dichlorobenzene	50	57.8	116	70-130
75-71-8	Dichlorodifluoromethane	50	60.1	120	70-130
75-34-3	1,1-Dichloroethane	50	46.7	93	70-130
107-06-2	1,2-Dichloroethane	50	56.6	113	70-130
75-35-4	1,1-Dichloroethene	50	52.2	104	70-130
156-59-2	cis-1,2-Dichloroethene	50	51.7	103	70-130
156-60-5	trans-1,2-Dichloroethene	50	50.7	101	70-130
78-87-5	1,2-Dichloropropane	50	48.4	97	70-130
142-28-9	1,3-Dichloropropane	50	55.9	112	70-130
594-20-7	2,2-Dichloropropane	50	69.9	140* [a]	70-130
563-58-6	1,1-Dichloropropene	50	55.7	111	70-130
10061-01-5	cis-1,3-Dichloropropene	50	55.4	111	70-130

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1770-BS	P53338.D	1	05/26/11	AMY	n/a	n/a	MSP1770

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-6, MC446-8, MC446-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	61.8	124	70-130
100-41-4	Ethylbenzene	50	59.0	118	70-130
76-13-1	Freon 113	50	52.7	105	70-130
87-68-3	Hexachlorobutadiene	50	60.3	121	70-130
591-78-6	2-Hexanone	50	45.7	91	70-130
98-82-8	Isopropylbenzene	50	64.0	128	70-130
99-87-6	p-Isopropyltoluene	50	58.8	118	70-130
1634-04-4	Methyl Tert Butyl Ether	50	62.2	124	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	44.8	90	70-130
74-95-3	Methylene bromide	50	59.0	118	70-130
75-09-2	Methylene chloride	50	45.4	91	70-130
91-20-3	Naphthalene	50	67.4	135* [a]	70-130
103-65-1	n-Propylbenzene	50	55.6	111	70-130
100-42-5	Styrene	50	67.7	135* [a]	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	62.6	125	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	47.8	96	70-130
127-18-4	Tetrachloroethene	50	63.0	126	70-130
109-99-9	Tetrahydrofuran	50	36.9	74	70-130
108-88-3	Toluene	50	58.9	118	70-130
110-57-6	Trans-1,4-Dichloro-2-Butene	50	64.2	128	70-130
87-61-6	1,2,3-Trichlorobenzene	50	73.2	146* [a]	70-130
120-82-1	1,2,4-Trichlorobenzene	50	61.6	123	70-130
71-55-6	1,1,1-Trichloroethane	50	55.7	111	70-130
79-00-5	1,1,2-Trichloroethane	50	54.6	109	70-130
79-01-6	Trichloroethene	50	57.7	115	70-130
75-69-4	Trichlorofluoromethane	50	57.3	115	70-130
96-18-4	1,2,3-Trichloropropane	50	50.5	101	70-130
95-63-6	1,2,4-Trimethylbenzene	50	60.8	122	70-130
108-67-8	1,3,5-Trimethylbenzene	50	58.5	117	70-130
75-01-4	Vinyl chloride	50	57.1	114	70-130
	m,p-Xylene	100	127	127	70-130
95-47-6	o-Xylene	50	64.4	129	70-130

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP1770-BS	P53338.D	1	05/26/11	AMY	n/a	n/a	MSP1770

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC446-6, MC446-8, MC446-9

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	70-130%
2037-26-5	Toluene-D8	118%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

(a) Outside control limits. Associated samples are non-detect for this compound.

Volatile Internal Standard Area Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSP1769-CC1750	**Injection Date:**	05/26/11
Lab File ID:	P53314.D	**Injection Time:**	07:10
Instrument ID:	GCMSP	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	61444	8.50	90768	9.35	46136	12.57	46296	15.13	17323	6.19
Upper Limit [a]	122888	9.00	181536	9.85	92272	13.07	92592	15.63	34646	6.69
Lower Limit [b]	30722	8.00	45384	8.85	23068	12.07	23148	14.63	8662	5.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP1769-BS	60049	8.50	85748	9.35	44731	12.57	44481	15.13	18042	6.19
MSP1769-MB	43739	8.51	61350	9.36	29015	12.58	25836	15.14	13013	6.21
MC446-1 [c]	38829	8.51	47278	9.37	18075[d]	12.58	12578[d]	15.14	14900	6.24
MC446-2 [c]	43300	8.51	58958	9.36	26178	12.58	20505[d]	15.14	18515	6.22
MC446-3 [c]	40552	8.51	52684	9.36	20920[d]	12.58	14283[d]	15.14	19008	6.23
MC446-4	43434	8.51	61550	9.36	29134	12.58	25016	15.14	19078	6.21
MC446-5	42870	8.51	58135	9.37	24422	12.58	18767[d]	15.14	15224	6.26
MC446-7	42289	8.51	60094	9.36	28136	12.58	23406	15.14	18738	6.22
MC446-10	42883	8.51	62579	9.36	29036	12.58	24965	15.14	18371	6.21
MC446-11	29810[d]	8.51	34937[d]	9.36	11306[d]	12.58	7203[d]	15.14	16119	6.22
MC446-12	17501[d]	8.51	19461[d]	9.36	5981[d]	12.58	4412[d]	15.14	14461	6.22
MC446-13	27034[d]	8.51	32429[d]	9.36	11577[d]	12.58	7118[d]	15.14	15826	6.21
MC446-14	42070	8.51	56521	9.36	24406	12.58	16489[d]	15.14	19769	6.20
ZZZZZZ	47958	8.51	65297	9.36	31330	12.58	28444	15.14	20367	6.22
MC446-1	36721	8.51	45178[d]	9.36	17741[d]	12.58	13970[d]	15.14	14168	6.24
MC446-2	39028	8.51	52052	9.36	21766[d]	12.58	17170[d]	15.14	14951	6.24
MC446-3	38354	8.51	48680	9.36	19245[d]	12.58	14033[d]	15.14	16300	6.22

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Confirmation run.
(d) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

Volatile Internal Standard Area Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSP1770-CC1750	**Injection Date:**	05/26/11
Lab File ID:	P53338.D	**Injection Time:**	18:17
Instrument ID:	GCMSP	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	55540	8.50	78559	9.35	39259	12.57	39575	15.13	15508	6.19
Upper Limit [a]	111080	9.00	157118	9.85	78518	13.07	79150	15.63	31016	6.69
Lower Limit [b]	27770	8.00	39280	8.85	19630	12.07	19788	14.63	7754	5.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
MSP1770-BS	55540	8.50	78559	9.35	39259	12.57	39575	15.13	15508	6.19
MSP1770-MB	41847	8.51	56448	9.36	26543	12.58	23533	15.14	12910	6.21
ZZZZZZ	39811	8.51	55676	9.36	26144	12.58	23253	15.14	18195	6.21
ZZZZZZ	40158	8.51	57184	9.36	28458	12.58	24283	15.14	9546	6.20
MC407-1	39190	8.51	53719	9.36	24911	12.58	20065	15.14	18897	6.21
MC407-1MS	50546	8.50	73696	9.35	35909	12.58	37104	15.13	23180	6.19
MC407-1MSD	53828	8.50	76555	9.35	36177	12.57	29135	15.13	25388	6.19
ZZZZZZ	40585	8.51	56064	9.36	25351	12.58	21172	15.14	16846	6.21
ZZZZZZ	40640	8.51	55661	9.36	23831	12.58	15281[c]	15.14	18863	6.20
ZZZZZZ	39341	8.51	55577	9.36	26289	12.58	23401	15.14	18712	6.21
ZZZZZZ	37591	8.51	51837	9.36	19094[c]	12.58	10478[c]	15.14	18487	6.21
ZZZZZZ	38300	8.51	52826	9.36	21533	12.58	12681[c]	15.14	22858	6.21
ZZZZZZ	40456	8.51	56553	9.36	23491	12.58	13857[c]	15.14	19531	6.21
ZZZZZZ	38060	8.51	54389	9.36	21748	12.58	12777[c]	15.14	20073	6.20
MC446-5 [d]	42690	8.51	57199	9.37	22605	12.58	14324[c]	15.14	14598	6.26
MC446-6	44954	8.51	63903	9.36	28646	12.58	23321	15.14	21267	6.21
MC446-8	42523	8.51	60066	9.36	27643	12.58	23215	15.14	18266	6.22
MC446-9	41646	8.51	60790	9.36	27688	12.58	24044	15.14	19121	6.21
MC446-10 [d]	168[c]	8.53	398[c]	9.37	0[c]	3.29*	0[c]	0.00*	0[c]	0.00*
MC446-11 [d]	30417	8.51	36051[c]	9.36	11654[c]	12.58	6409[c]	15.14	13249	6.24
MC446-12 [d]	16614[c]	8.51	17788[c]	9.36	5801[c]	12.58	3852[c]	15.14	13318	6.24
MC446-13 [d]	28548	8.51	36048[c]	9.36	14101[c]	12.58	9360[c]	15.14	17106	6.21
MC446-14 [d]	41039	8.51	54674	9.36	21919	12.58	12889[c]	15.14	16592	6.22

IS 1 = Pentafluorobenzene
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5
IS 4 = 1,4-Dichlorobenzene-d4
IS 5 = Tert Butyl Alcohol-D9

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Outside control limits due to possible matrix interference. Confirmed by reanalysis.
(d) Confirmation run.

Volatile Surrogate Recovery Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC446-1	P53333.D	128.0	124.0	103.0
MC446-1	P53318.D	134.0* [a]	131.0* [a]	109.0
MC446-2	P53334.D	119.0	121.0	104.0
MC446-2	P53319.D	131.0* [a]	126.0	104.0
MC446-3	P53335.D	129.0	127.0	114.0
MC446-3	P53320.D	138.0* [a]	130.0	109.0
MC446-4	P53321.D	125.0	123.0	98.0
MC446-5	P53354.D	132.0* [a]	126.0	125.0
MC446-5	P53322.D	133.0* [a]	131.0* [a]	113.0
MC446-6	P53355.D	128.0	122.0	101.0
MC446-7	P53324.D	129.0	126.0	103.0
MC446-8	P53356.D	125.0	122.0	100.0
MC446-9	P53357.D	128.0	121.0	99.0
MC446-10	P53358.D	0.0* [a]	151.0* [a]	0.0* [a]
MC446-10	P53327.D	135.0* [a]	125.0	103.0
MC446-11	P53359.D	151.0* [a]	129.0	113.0
MC446-11	P53328.D	156.0* [a]	130.0	110.0
MC446-12	P53360.D	247.0* [a]	149.0* [a]	101.0
MC446-12	P53329.D	253.0* [a]	148.0* [a]	102.0
MC446-13	P53361.D	177.0* [a]	141.0* [a]	121.0
MC446-13	P53330.D	165.0* [a]	132.0* [a]	115.0
MC446-14	P53362.D	130.0	127.0	136.0* [a]
MC446-14	P53331.D	128.0	130.0	122.0
MSP1769-BS	P53315.D	111.0	120.0	97.0
MSP1769-MB	P53317.D	121.0	123.0	98.0
MSP1770-BS	P53338.D	110.0	118.0	98.0
MSP1770-MB	P53340.D	115.0	125.0	99.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

New England ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Internal Standard Area Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25044-MB	I72854.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-13, MC446-14

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	250	ug/kg	
208-96-8	Acenaphthylene	ND	250	ug/kg	
120-12-7	Anthracene	ND	250	ug/kg	
56-55-3	Benzo(a)anthracene	ND	250	ug/kg	
50-32-8	Benzo(a)pyrene	ND	250	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	250	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	250	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	250	ug/kg	
218-01-9	Chrysene	ND	250	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	250	ug/kg	
206-44-0	Fluoranthene	ND	250	ug/kg	
86-73-7	Fluorene	ND	250	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
85-01-8	Phenanthrene	ND	250	ug/kg	
129-00-0	Pyrene	ND	250	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	69%	30-130%
321-60-8	2-Fluorobiphenyl	74%	30-130%
1718-51-0	Terphenyl-d14	87%	30-130%

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25102-MB	I73036.D	1	06/03/11	KR	06/01/11	OP25102	MSI2629

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC446-12

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	250	ug/kg	
208-96-8	Acenaphthylene	ND	250	ug/kg	
120-12-7	Anthracene	ND	250	ug/kg	
56-55-3	Benzo(a)anthracene	ND	250	ug/kg	
50-32-8	Benzo(a)pyrene	ND	250	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	250	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	250	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	250	ug/kg	
218-01-9	Chrysene	ND	250	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	250	ug/kg	
206-44-0	Fluoranthene	ND	250	ug/kg	
86-73-7	Fluorene	ND	250	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
85-01-8	Phenanthrene	ND	250	ug/kg	
129-00-0	Pyrene	ND	250	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	78%	30-130%
4165-62-2	Phenol-d5	78%	30-130%
118-79-6	2,4,6-Tribromophenol	78%	30-130%
4165-60-0	Nitrobenzene-d5	72%	30-130%
321-60-8	2-Fluorobiphenyl	75%	30-130%
1718-51-0	Terphenyl-d14	85%	30-130%

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25044-BS	I72855.D	1	05/26/11	KR	05/25/11	OP25044	MSI2619

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-13, MC446-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	2470	1810	73	40-140
208-96-8	Acenaphthylene	2470	1570	64	40-140
120-12-7	Anthracene	2470	1880	76	40-140
56-55-3	Benzo(a)anthracene	2470	2220	90	40-140
50-32-8	Benzo(a)pyrene	2470	1900	77	40-140
205-99-2	Benzo(b)fluoranthene	2470	2010	81	40-140
191-24-2	Benzo(g,h,i)perylene	2470	2200	89	40-140
207-08-9	Benzo(k)fluoranthene	2470	2090	85	40-140
218-01-9	Chrysene	2470	2080	84	40-140
53-70-3	Dibenzo(a,h)anthracene	2470	2140	87	40-140
206-44-0	Fluoranthene	2470	2030	82	40-140
86-73-7	Fluorene	2470	1900	77	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2470	2180	88	40-140
91-20-3	Naphthalene	2470	1680	68	40-140
85-01-8	Phenanthrene	2470	1930	78	40-140
129-00-0	Pyrene	2470	2070	84	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	66%	30-130%
321-60-8	2-Fluorobiphenyl	72%	30-130%
1718-51-0	Terphenyl-d14	88%	30-130%

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25102-BS	I73037.D	1	06/03/11	KR	06/01/11	OP25102	MSI2629

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC446-12

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	2410	1750	73	40-140
208-96-8	Acenaphthylene	2410	1480	61	40-140
120-12-7	Anthracene	2410	1740	72	40-140
56-55-3	Benzo(a)anthracene	2410	2000	83	40-140
50-32-8	Benzo(a)pyrene	2410	1650	69	40-140
205-99-2	Benzo(b)fluoranthene	2410	1860	77	40-140
191-24-2	Benzo(g,h,i)perylene	2410	1590	66	40-140
207-08-9	Benzo(k)fluoranthene	2410	2000	83	40-140
218-01-9	Chrysene	2410	1870	78	40-140
53-70-3	Dibenzo(a,h)anthracene	2410	1610	67	40-140
206-44-0	Fluoranthene	2410	1860	77	40-140
86-73-7	Fluorene	2410	1790	74	40-140
193-39-5	Indeno(1,2,3-cd)pyrene	2410	1630	68	40-140
91-20-3	Naphthalene	2410	1630	68	40-140
85-01-8	Phenanthrene	2410	1800	75	40-140
129-00-0	Pyrene	2410	1960	81	40-140

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	73%	30-130%
4165-62-2	Phenol-d5	71%	30-130%
118-79-6	2,4,6-Tribromophenol	78%	30-130%
4165-60-0	Nitrobenzene-d5	68%	30-130%
321-60-8	2-Fluorobiphenyl	73%	30-130%
1718-51-0	Terphenyl-d14	86%	30-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25102-MS	I73038.D	1	06/03/11	KR	06/01/11	OP25102	MSI2629
OP25102-MSD	I73039.D	1	06/03/11	KR	06/01/11	OP25102	MSI2629
MC446-12	I73040.D	1	06/03/11	KR	06/01/11	OP25102	MSI2629

The QC reported here applies to the following samples: **Method:** SW846 8270C

MC446-12

CAS No.	Compound	MC446-12 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		3180	2530	80	2540	80	0	40-140/30
208-96-8	Acenaphthylene	ND		3180	2120	67	2140	68	1	40-140/30
120-12-7	Anthracene	ND		3180	2070	65	2180	69	5	40-140/30
56-55-3	Benzo(a)anthracene	ND		3180	1550	49	1700	54	9	40-140/30
50-32-8	Benzo(a)pyrene	ND		3180	624	20* [a]	731	23* [a]	16	40-140/30
205-99-2	Benzo(b)fluoranthene	ND		3180	970	30* [a]	1100	35* [a]	13	40-140/30
191-24-2	Benzo(g,h,i)perylene	ND		3180	211	7* [a]	264	8* [a]	22	40-140/30
207-08-9	Benzo(k)fluoranthene	ND		3180	947	30* [a]	1060	33* [a]	11	40-140/30
218-01-9	Chrysene	ND		3180	1450	46	1610	51	10	40-140/30
53-70-3	Dibenzo(a,h)anthracene	ND		3180	333	10* [a]	387	12* [a]	15	40-140/30
206-44-0	Fluoranthene	ND		3180	2100	66	2180	69	4	40-140/30
86-73-7	Fluorene	ND		3180	2500	79	2490	79	0	40-140/30
193-39-5	Indeno(1,2,3-cd)pyrene	ND		3180	256	8* [a]	317	10* [a]	21	40-140/30
91-20-3	Naphthalene	15.3		3180	2460	77	2400	75	2	40-140/30
85-01-8	Phenanthrene	13.7		3180	2290	72	2350	74	3	40-140/30
129-00-0	Pyrene	ND		3180	2020	63	2200	69	9	40-140/30

CAS No.	Surrogate Recoveries	MS	MSD	MC446-12	Limits
367-12-4	2-Fluorophenol	84%	80%		30-130%
4165-62-2	Phenol-d5	83%	79%		30-130%
118-79-6	2,4,6-Tribromophenol	74%	81%		30-130%
4165-60-0	Nitrobenzene-d5	78%	76%	74%	30-130%
321-60-8	2-Fluorobiphenyl	83%	82%	75%	30-130%
1718-51-0	Terphenyl-d14	75%	77%	70%	30-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

Semivolatile Internal Standard Area Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSI2619-CC2552	**Injection Date:**	05/26/11
Lab File ID:	I72853.D	**Injection Time:**	16:23
Instrument ID:	GCMSI	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	185830	5.23	691285	6.51	352216	8.92	573171	11.43	445848	16.38	458712	18.91
Upper Limit [a]	371660	5.73	1382570	7.01	704432	9.42	1146342	11.93	891696	16.88	917424	19.41
Lower Limit [b]	92915	4.73	345643	6.01	176108	8.42	286586	10.93	222924	15.88	229356	18.41

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP25044-MB	173029	5.23	641390	6.51	324507	8.92	515398	11.42	414778	16.37	359847	18.90
OP25044-BS	180632	5.23	664800	6.51	339900	8.92	532148	11.42	408066	16.37	369484	18.90
MC446-1	146658	5.23	541054	6.51	273546	8.92	428278	11.42	344136	16.37	298433	18.90
MC446-2	149278	5.23	551394	6.51	275592	8.92	436659	11.42	334298	16.37	285896	18.89
MC446-3	160294	5.23	594398	6.51	294180	8.92	458978	11.42	357079	16.37	311826	18.89
MC446-4	191019	5.23	713444	6.51	363840	8.92	576458	11.42	460419	16.37	391073	18.90
MC446-5	199986	5.23	737712	6.51	375348	8.92	585858	11.42	456717	16.37	504759	18.91
MC446-6	189026	5.23	708220	6.51	360378	8.92	573308	11.42	424441	16.37	437335	18.90
MC446-7	160695	5.23	607970	6.51	306386	8.92	482446	11.42	391970	16.37	358982	18.90
MC446-8	165469	5.23	621132	6.51	319554	8.92	511171	11.42	412385	16.37	368307	18.90
MC446-9	193035	5.23	704203	6.51	355427	8.92	561883	11.42	429481	16.37	387621	18.90
MC446-10	164905	5.23	611702	6.51	314551	8.92	496906	11.42	383836	16.37	345465	18.90
MC446-11	184003	5.23	685912	6.50	352316	8.92	550446	11.42	428869	16.37	405257	18.90
MC446-13	201038	5.23	746293	6.50	387875	8.92	590591	11.42	457613	16.37	432730	18.90
MC446-14	182471	5.23	682967	6.50	348575	8.92	537730	11.42	406477	16.37	384063	18.90
ZZZZZZ	169862	5.23	614037	6.51	285912	8.93	495650	11.44	404939	16.37	410461	18.90
ZZZZZZ	168805	5.23	629466	6.50	317333	8.92	486726	11.42	381590	16.37	380411	18.90
ZZZZZZ	151397	5.23	562432	6.50	286897	8.92	439728	11.42	371136	16.37	376443	18.90
ZZZZZZ	153187	5.23	554405	6.51	301535	8.93	464563	11.44	423221	16.37	524088	18.91
ZZZZZZ	132202	5.23	500375	6.50	254507	8.92	414536	11.42	358909	16.37	375833	18.90
ZZZZZZ	152059	5.23	574662	6.50	295972	8.92	473026	11.42	415733	16.37	435547	18.90

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSI2620-CC2552	**Injection Date:**	05/27/11
Lab File ID:	I72883.D	**Injection Time:**	12:25
Instrument ID:	GCMSI	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	149564	5.19	557553	6.47	282757	8.89	465679	11.44	382221	16.45	351372	19.07
Upper Limit [a]	299128	5.69	1115106	6.97	565514	9.39	931358	11.94	764442	16.95	702744	19.57
Lower Limit [b]	74782	4.69	278777	5.97	141379	8.39	232840	10.94	191111	15.95	175686	18.57

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP25059-MB	22487[c]	5.19	85497[c]	6.45	43619[c]	8.91	66704[c]	11.44	51569[c]	16.42	41335[c]	18.98
MC446-1 [d]	131095	5.19	489259	6.47	251696	8.86	398342	11.37	329126	16.31	289911	18.83
MC446-13 [d]	180914	5.19	683524	6.47	345816	8.87	541040	11.37	452922	16.31	410630	18.84
OP25046-MB	169906	5.19	623781	6.47	321112	8.86	527310	11.37	438859	16.31	372901	18.84
OP25046-BS	150039	5.19	556687	6.47	286541	8.87	474774	11.37	387023	16.31	350891	18.84
ZZZZZZ	132495	5.19	487679	6.47	248155	8.87	397872	11.37	327010	16.31	328553	18.84
ZZZZZZ	193228	5.19	716493	6.46	366825	8.86	589792	11.37	484349	16.31	426618	18.84
ZZZZZZ	180193	5.19	670034	6.47	342104	8.86	554051	11.37	478338	16.31	409710	18.84
ZZZZZZ	148363	5.19	548458	6.46	278120	8.86	449272	11.37	381461	16.31	339308	18.84
ZZZZZZ	177621	5.19	672231	6.46	342137	8.86	547456	11.37	435938	16.31	425638	18.85
ZZZZZZ	185539	5.19	698986	6.46	355247	8.86	564574	11.37	462894	16.32	449194	18.85
ZZZZZZ	190170	5.19	710897	6.46	366494	8.87	575903	11.37	473161	16.32	445700	18.85
ZZZZZZ	194746	5.19	723215	6.47	377597	8.87	601884	11.37	530708	16.32	450822	18.86
ZZZZZZ	154124	5.19	573314	6.47	289017	8.86	466779	11.37	367711	16.31	313836	18.84
ZZZZZZ	164779	5.19	617111	6.46	309928	8.86	489887	11.37	388577	16.31	362345	18.84

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Internal standard spiked at 1/10(SIM) concentration.
(d) Confirmation run for surrogate recoveries.

Semivolatile Internal Standard Area Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSI2628-CC2583	**Injection Date:**	06/03/11
Lab File ID:	I73031.D	**Injection Time:**	08:19
Instrument ID:	GCMSI	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	230907	5.15	865019	6.42	428589	8.82	712289	11.31	518691	16.26	464459	18.79
Upper Limit [a]	461814	5.65	1730038	6.92	857178	9.32	1424578	11.81	1037382	16.76	928918	19.29
Lower Limit [b]	115454	4.65	432510	5.92	214295	8.32	356145	10.81	259346	15.76	232230	18.29

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP25063-MB	199684	5.15	726614	6.41	365010	8.81	584576	11.31	462820	16.25	371305	18.77
OP25063-BS	208684	5.15	764925	6.42	381860	8.81	615096	11.31	469920	16.25	370994	18.77
OP25063-BSD	240964	5.15	876251	6.42	436292	8.81	703481	11.31	543228	16.25	405977	18.78
OP25102-MB	166450	5.15	622540	6.41	318938	8.81	505101	11.31	405192	16.25	341176	18.77
OP25102-BS	178802	5.15	661889	6.42	332199	8.81	519370	11.31	383533	16.25	309871	18.77
OP25102-MS	183095	5.15	684390	6.42	337484	8.81	527218	11.31	412423	16.25	350291	18.77
OP25102-MSD	222292	5.15	815821	6.42	395097	8.82	595282	11.31	449301	16.25	378726	18.78
MC446-12	201776	5.15	745498	6.41	385424	8.81	591252	11.31	442318	16.25	368133	18.78
ZZZZZZ	182985	5.15	679692	6.41	345612	8.81	540519	11.31	433903	16.25	360343	18.77
ZZZZZZ	189550	5.15	685894	6.41	338958	8.81	531989	11.31	429778	16.25	332905	18.78
ZZZZZZ	207757	5.15	759462	6.41	395088	8.81	611968	11.31	471178	16.26	384768	18.79
ZZZZZZ	204818	5.15	744974	6.41	390495	8.81	640783	11.31	477745	16.25	322237	18.78
ZZZZZZ	227511	5.15	827980	6.41	426231	8.81	664346	11.31	499823	16.25	344610	18.78
ZZZZZZ	221358	5.15	802841	6.41	420435	8.81	680021	11.31	500316	16.25	328565	18.78
ZZZZZZ	251667	5.15	911908	6.41	449146	8.81	694987	11.31	535288	16.25	342792	18.78
ZZZZZZ	231018	5.15	845800	6.41	418865	8.81	653671	11.31	479872	16.25	286975	18.78
ZZZZZZ	207406	5.15	755562	6.41	377863	8.81	595330	11.31	477419	16.25	361645	18.78
ZZZZZZ	194236	5.15	708598	6.41	354391	8.81	562639	11.31	466479	16.26	418051	18.79
ZZZZZZ	241835	5.15	885075	6.41	431063	8.81	679071	11.31	537715	16.26	506271	18.79
ZZZZZZ	187308	5.14	701874	6.41	356483	8.81	563738	11.31	440954	16.25	351190	18.77
ZZZZZZ	195805	5.15	714441	6.41	350218	8.81	533751	11.31	374651	16.25	311381	18.78

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Check Std:	MSI2629-CC2552	**Injection Date:**	06/03/11
Lab File ID:	I73031A.D	**Injection Time:**	08:19
Instrument ID:	GCMSI	**Method:**	SW846 8270C

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
Check Std	230625	5.15	865076	6.42	428589	8.82	712289	11.31	518691	16.26	464459	18.79
Upper Limit [a]	461250	5.65	1730152	6.92	857178	9.32	1424578	11.81	1037382	16.76	928918	19.29
Lower Limit [b]	115313	4.65	432538	5.92	214295	8.32	356145	10.81	259346	15.76	232230	18.29

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT	IS 6 AREA	RT
OP25063-MB	199684	5.15	726614	6.41	365010	8.81	584576	11.31	462820	16.25	371305	18.77
OP25063-BS	208684	5.15	764925	6.42	381860	8.81	615096	11.31	469920	16.25	370994	18.77
OP25063-BSD	240964	5.15	876251	6.42	436292	8.81	703481	11.31	543228	16.25	405977	18.78
OP25102-MB	166450	5.15	622540	6.41	318938	8.81	505101	11.31	405192	16.25	341176	18.77
OP25102-BS	178802	5.15	661889	6.42	332199	8.81	519370	11.31	383533	16.25	309871	18.77
OP25102-MS	183095	5.15	684390	6.42	337484	8.81	527218	11.31	412423	16.25	350291	18.77
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ZZZZZZ	189550	5.15	685894	6.41	338958	8.81	531989	11.31	429778	16.25	332905	18.78
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ZZZZZZ	227511	5.15	827980	6.41	426231	8.81	664346	11.31	499823	16.25	344610	18.78
ZZZZZZ	221358	5.15	802841	6.41	420435	8.81	680021	11.31	500316	16.25	328565	18.78
ZZZZZZ	251667	5.15	911908	6.41	449146	8.81	694987	11.31	535288	16.25	342792	18.78
ZZZZZZ	231018	5.15	845800	6.41	418865	8.81	653671	11.31	479872	16.25	286975	18.78
ZZZZZZ	207406	5.15	755562	6.41	377863	8.81	595330	11.31	477419	16.25	361645	18.78
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ZZZZZZ	195805	5.15	714441	6.41	350218	8.81	533751	11.31	374651	16.25	311381	18.78

IS 1 = 1,4-Dichlorobenzene-d4
IS 2 = Naphthalene-d8
IS 3 = Acenaphthene-D10
IS 4 = Phenanthrene-d10
IS 5 = Chrysene-d12
IS 6 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Surrogate Recovery Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8270C **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC446-1	I72888.D	42.0	44.0	24.0* [a]
MC446-1	I72856.D	43.0	45.0	25.0* [a]
MC446-2	I72857.D	60.0	64.0	72.0
MC446-3	I72858.D	50.0	55.0	51.0
MC446-4	I72859.D	50.0	54.0	69.0
MC446-5	I72860.D	56.0	58.0	65.0
MC446-6	I72861.D	56.0	61.0	73.0
MC446-7	I72862.D	53.0	57.0	68.0
MC446-8	I72863.D	56.0	59.0	67.0
MC446-9	I72864.D	56.0	60.0	75.0
MC446-10	I72865.D	55.0	58.0	69.0
MC446-11	I72866.D	54.0	63.0	78.0
MC446-12	I73040.D	74.0	75.0	70.0
MC446-13	I72889.D	39.0	43.0	26.0* [a]
MC446-13	I72868.D	40.0	42.0	28.0* [a]
MC446-14	I72869.D	58.0	63.0	74.0
OP25044-BS	I72855.D	66.0	72.0	88.0
OP25044-MB	I72854.D	69.0	74.0	87.0
OP25102-BS	I73037.D	68.0	73.0	86.0
OP25102-MB	I73036.D	72.0	75.0	85.0
OP25102-MS	I73038.D	78.0	83.0	75.0
OP25102-MSD	I73039.D	76.0	82.0	77.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	30-130%
S2 = 2-Fluorobiphenyl	30-130%
S3 = Terphenyl-d14	30-130%

(a) Outside control limits due to possible matrix interference. Confirmed by reanalysis.

New England ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25042-MB	BC51457.D	1	05/26/11	SS	05/25/11	OP25042	GBC2478

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-14

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	16	mg/kg	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	57%	50-137%

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25095-MB	BC51500.D	1	06/01/11	SS	05/31/11	OP25095	GBC2482

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC446-12, MC446-13

CAS No.	Compound	Result	RL	Units	Q
	CT-ETPH (C9-C36)	ND	16	mg/kg	

CAS No.	Surrogate Recoveries		Limits
3386-33-2	1-Chlorooctadecane	59%	50-137%

Method Blank Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25043-MB	YZ65996.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405

The QC reported here applies to the following samples: **Method:** SW846 8082

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	98	ug/kg	
11104-28-2	Aroclor 1221	ND	98	ug/kg	
11141-16-5	Aroclor 1232	ND	98	ug/kg	
53469-21-9	Aroclor 1242	ND	98	ug/kg	
12672-29-6	Aroclor 1248	ND	98	ug/kg	
11097-69-1	Aroclor 1254	ND	98	ug/kg	
11096-82-5	Aroclor 1260	ND	98	ug/kg	
37324-23-5	Aroclor 1262	ND	98	ug/kg	
11100-14-4	Aroclor 1268	ND	98	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	87%	30-150%
877-09-8	Tetrachloro-m-xylene	91%	30-150%
2051-24-3	Decachlorobiphenyl	80%	30-150%
2051-24-3	Decachlorobiphenyl	86%	30-150%

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25042-BS	BC51459.D	1	05/26/11	SS	05/25/11	OP25042	GBC2478

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-14

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	CT-ETPH (C9-C36)	44	27.4	62	60-120

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	64%	50-137%

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25095-BS	BC51501.D	1	06/01/11	SS	05/31/11	OP25095	GBC2482

The QC reported here applies to the following samples: **Method:** CT-ETPH 7/06

MC446-12, MC446-13

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	CT-ETPH (C9-C36)	43.9	29.5	67	60-120

CAS No.	Surrogate Recoveries	BSP	Limits
3386-33-2	1-Chlorooctadecane	61%	50-137%

Blank Spike Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP25043-BS	YZ65997.D	1	05/26/11	KD	05/25/11	OP25043	GYZ6405

The QC reported here applies to the following samples: **Method:** SW846 8082

MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	264	223	85	40-140
11104-28-2	Aroclor 1221		ND		40-140
11141-16-5	Aroclor 1232		ND		40-140
53469-21-9	Aroclor 1242		ND		40-140
12672-29-6	Aroclor 1248		ND		40-140
11097-69-1	Aroclor 1254		ND		40-140
11096-82-5	Aroclor 1260	264	218	83	40-140
37324-23-5	Aroclor 1262		ND		40-140
11100-14-4	Aroclor 1268		ND		40-140

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	87%	30-150%
877-09-8	Tetrachloro-m-xylene	88%	30-150%
2051-24-3	Decachlorobiphenyl	79%	30-150%
2051-24-3	Decachlorobiphenyl	84%	30-150%

Semivolatile Surrogate Recovery Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: CT-ETPH 7/06 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
MC446-1	BG27675.D	54.0
MC446-2	BC51466.D	56.0
MC446-3	BG27673.D	58.0
MC446-4	BC51471.D	55.0
MC446-5	BC51470.D	73.0
MC446-6	BC51472.D	70.0
MC446-7	BC51462.D	62.0
MC446-8	BC51458.D	51.0
MC446-9	BC51473.D	64.0
MC446-10	BC51469.D	52.0
MC446-11	BC51468.D	50.0
MC446-12	BC51502.D	41.0* [b]
MC446-12	BC51461.D	18.0* [b]
MC446-13	BC51503.D	51.0
MC446-14	BG27671.D	61.0
OP25042-BS	BC51459.D	64.0
OP25042-MB	BC51457.D	57.0
OP25095-BS	BC51501.D	61.0
OP25095-MB	BC51500.D	59.0

Surrogate Compounds	Recovery Limits
S1 = 1-Chlorooctadecane	50-137%

(a) Recovery from GC signal #1
(b) Outside control limits due to possible matrix interference. Confirmed by re-extraction/reanalysis.

Semivolatile Surrogate Recovery Summary

Job Number: MC446
Account: FDG Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

Method: SW846 8082 **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]	S1 [b]	S2 [a]	S2 [b]
MC446-1	YZ65998.D	61.0	64.0	67.0	70.0
MC446-2	YZ65999.D	80.0	85.0	78.0	79.0
MC446-3	YZ66000.D	72.0	74.0	69.0	70.0
MC446-4	YZ66001.D	82.0	86.0	78.0	81.0
MC446-5	YZ66002.D	79.0	78.0	81.0	74.0
MC446-6	YZ66003.D	88.0	81.0	78.0	76.0
MC446-7	YZ66004.D	80.0	84.0	75.0	79.0
MC446-8	YZ66005.D	80.0	83.0	75.0	78.0
MC446-9	YZ66007.D	79.0	82.0	73.0	77.0
MC446-10	YZ66008.D	86.0	88.0	80.0	83.0
MC446-11	YZ66009.D	89.0	92.0	84.0	85.0
MC446-12	YZ66010.D	53.0	55.0	66.0	68.0
MC446-13	YZ66011.D	73.0	76.0	74.0	76.0
MC446-14	YZ66012.D	90.0	92.0	85.0	87.0
OP25043-BS	YZ65997.D	87.0	88.0	79.0	84.0
OP25043-MB	YZ65996.D	87.0	91.0	80.0	86.0

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	30-150%
S2 = Decachlorobiphenyl	30-150%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 05/24/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.9	2.6		
Antimony	1.0	.097	.11	0.020	<1.0
Arsenic	1.0	.096	.11	-0.030	<1.0
Barium	5.0	.037	.1		
Beryllium	0.40	.023	.026	-0.020	<0.40
Boron	10	.045	.06		
Cadmium	0.40	.014	.017	-0.010	<0.40
Calcium	500	1.1	1.6		
Chromium	1.0	.06	.076	0.020	<1.0
Cobalt	5.0	.016	.015		
Copper	2.5	.11	.15	0.040	<2.5
Gold	5.0	.16	.21		
Iron	10	.67	.84		
Lead	1.0	.094	.15	-0.070	<1.0
Magnesium	500	5.5	5.6		
Manganese	1.5	.011	.017		
Molybdenum	10	.03	.036		
Nickel	4.0	.019	.076	-0.010	<4.0
Palladium	5.0	.29	.31		
Platinum	5.0	.72	.76		
Potassium	500	4.6	6.4		
Selenium	1.0	.15	.18	0.060	<1.0
Silicon	10	.14	.21		
Silver	0.50	.077	.11	0.010	<0.50
Sodium	500	1.9	2		
Strontium	1.0	.019	.035		
Thallium	1.0	.067	.11	-0.060	<1.0
Tin	10	.039	.049		
Titanium	5.0	.059	.061		
Tungsten	10	.89	1.3		
Vanadium	1.0	.084	.14	0.030	<1.0
Zinc	2.0	.03	.11	0.14	<2.0

Associated samples MP17107: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:				05/24/11				05/24/11	
Metal	MC446-9 Original	MS	Spikelot MPICP	% Rec	QC Limits	MC446-9 Original	DUP	RPD	QC Limits
Aluminum									
Antimony	0.0	16.1 (a)	45.2	35.6 (b)	75-125	0.0	0.0 (a)	NC	0-20
Arsenic	2.6	41.5 (a)	45.2	86.0	75-125	2.6	2.7 (a)	3.8	0-20
Barium	anr								
Beryllium	2.1	40.3 (a)	45.2	84.5	75-125	2.1	2.1 (a)	0.0	0-20
Boron									
Cadmium	0.12	40.8 (a)	45.2	89.9	75-125	0.12	0.090(a)	28.6 (c)	0-20
Calcium									
Chromium	11.8	48.5 (a)	45.2	81.1	75-125	11.8	12.3 (a)	4.1	0-20
Cobalt									
Copper	16.9	56.7 (a)	45.2	88.0	75-125	16.9	16.6 (a)	1.8	0-20
Gold									
Iron									
Lead	5.5	82.5 (a)	90.5	85.1	75-125	5.5	5.7 (a)	3.6	0-20
Magnesium									
Manganese									
Molybdenum									
Nickel	31.9	71.7 (a)	45.2	88.0	75-125	31.9	32.2 (a)	0.9	0-20
Palladium									
Platinum									
Potassium									
Selenium	0.0	40.4 (a)	45.2	89.3	75-125	0.0	0.0 (a)	NC	0-20
Silicon									
Silver	0.18	17.3 (a)	18.1	94.6	75-125	0.18	0.0 (a)	200.0(c)	0-20
Sodium									
Strontium									
Thallium	0.0	39.6 (a)	45.2	87.6	75-125	0.0	0.0 (a)	NC	0-20
Tin									
Titanium									
Tungsten									
Vanadium	24.1	64.9 (a)	45.2	90.2	75-125	24.1	25.4 (a)	5.3	0-20
Zinc	50.2	89.1 (a)	45.2	86.0	75-125	50.2	50.3 (a)	0.2	0-20

Associated samples MP17107: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107 Methods: SW846 6010C
Matrix Type: SOLID Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Elevated RL due to dilution required for matrix interference.
(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
(c) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:			05/24/11					05/24/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	52.2	50	104.4	80-120	51.8	50	103.6	0.8	20
Arsenic	50.7	50	101.4	80-120	50.3	50	100.6	0.8	20
Barium	anr								
Beryllium	49.3	50	98.6	80-120	49.3	50	98.6	0.0	20
Boron									
Cadmium	53.1	50	106.2	80-120	52.9	50	105.8	0.4	20
Calcium									
Chromium	49.5	50	99.0	80-120	48.8	50	97.6	1.4	20
Cobalt									
Copper	49.0	50	98.0	80-120	46.7	50	93.4	4.8	20
Gold									
Iron									
Lead	95.8	100	95.8	80-120	95.2	100	95.2	0.6	20
Magnesium									
Manganese									
Molybdenum									
Nickel	50.8	50	101.6	80-120	50.2	50	100.4	1.2	20
Palladium									
Platinum									
Potassium									
Selenium	51.3	50	102.6	80-120	51.1	50	102.2	0.4	20
Silicon									
Silver	20.5	20	102.5	80-120	20.2	20	101.0	1.5	20
Sodium									
Strontium									
Thallium	50.4	50	100.8	80-120	50.0	50	100.0	0.8	20
Tin									
Titanium									
Tungsten									
Vanadium	50.2	50	100.4	80-120	49.4	50	98.8	1.6	20
Zinc	49.7	50	99.4	80-120	48.8	50	97.6	1.8	20

Associated samples MP17107: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date: 05/24/11

Metal	LCS Result	Spikelot MPLCS71	% Rec	QC Limits
Aluminum				
Antimony	77.1	98	78.7	10-215
Arsenic	128	137	93.4	83-118
Barium	anr			
Beryllium	130	138	94.2	84-116
Boron				
Cadmium	82.9	85	97.5	84-116
Calcium				
Chromium	147	168	87.5	82-118
Cobalt				
Copper	175	187	93.6	84-117
Gold				
Iron				
Lead	106	120	88.3	83-117
Magnesium				
Manganese				
Molybdenum				
Nickel	149	159	93.7	84-116
Palladium				
Platinum				
Potassium				
Selenium	42.5	43.5	97.7	78-122
Silicon				
Silver	53.6	55.2	97.1	66-134
Sodium				
Strontium				
Thallium	138	146	94.5	82-119
Tin				
Titanium				
Tungsten				
Vanadium	123	138	89.1	80-120
Zinc	183	206	88.8	82-118

Associated samples MP17107: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: mg/kg

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/24/11

Metal	MC446-9 Original	SDL 2:5	%DIF	QC Limits
Aluminum				
Antimony	0.00	0.00	NC	0-10
Arsenic	28.8	31.4	9.0	0-10
Barium	anr			
Beryllium	22.9	24.1	5.2	0-10
Boron				
Cadmium	1.30	1.30	0.0	0-10
Calcium				
Chromium	129	138	7.0	0-10
Cobalt				
Copper	186	189	1.9	0-10
Gold				
Iron				
Lead	60.1	68.8	14.5 (a)	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	350	376	7.3	0-10
Palladium				
Platinum				
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	2.00	0.00	100.0(a)	0-10
Sodium				
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	264	279	5.6	0-10
Zinc	551	596	8.1	0-10

Associated samples MP17107: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

POST DIGESTATE SPIKE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/24/11

Metal	Sample ml	Final ml	MC446-9 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony	9.9	10	0	0	16.3	.1	2	20	81.5	-
Arsenic										
Barium										
Beryllium										
Boron										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Gold										
Iron										
Lead										
Magnesium										
Manganese										
Molybdenum										
Nickel										
Palladium										
Platinum										
Potassium										
Selenium										
Silicon										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										
Vanadium										
Zinc										

Associated samples MP17107: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

POST DIGESTATE SPIKE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17107
Matrix Type: SOLID

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(**) Corr. sample result = Raw * (sample volume / final volume)
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17110
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/25/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.004	.0058	-0.0042	<0.033

Associated samples MP17110: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17110
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date:				05/25/11				05/25/11	
Metal	MC446-9 Original	MS	Spikelot HGRWS1	% Rec	QC Limits	MC446-9 Original	DUP	RPD	QC Limits
Mercury	0.029	0.57	0.53	102.0	75-125	0.029	0.026	10.9	0-20

Associated samples MP17110: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17110
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/25/11 05/25/11

Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	LCS Result	Spikelot HGLCS72	% Rec	QC Limits
Mercury	0.51	0.5	102.0	80-120	10	8.78	113.9	50-146

Associated samples MP17110: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17110
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 05/25/11

Metal	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.51	0.5	102.0	0.0	30

Associated samples MP17110: MC446-1, MC446-2, MC446-3, MC446-4, MC446-5, MC446-6, MC446-7, MC446-8, MC446-9, MC446-10, MC446-11, MC446-12, MC446-13, MC446-14

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

Data Validation Worksheet

Project Name : NRG Middletown, CT
Validated By: Kim Napier

Job Number : 1009634013
7/20/2011
Date: 7/18/2011

Analyte Group :
Metals
Mercury-Soil

Analytical Method :
EPA 6010C
EPA 7470A

Completed Reasonable Confidence Protocols Certification Form included: Yes

Were all Reasonable Confidence Protocol QA/QC Criteria Followed? Yes
*Question 6 was answered No

Accutest laboratory certifies that all analysis were performed within method specifications and recommends that the report is to be used in its entirety: Yes

Laboratory ID No. : MC446R

Chain of Custody: Included in Data Package ? Yes

Is it Complete ? Yes

Allowable Holding Time : All Holding times were met.

Method	Extraction	Analysis	Collection Date	Extraction date	Analyzed Date
Metals/6010C	NA	6 months	5/20-5/23/2011	NA	6/2/2011
Mercury/7471A	NA	28 days	5/20-5/23/2011	NA	6/3/2011

Sample Collection Date : 5/20, 5/23/2011

Sample temperature above QC limit: No (1.9°)

Surrogate Recovery

Surrogate Allowable Ranges :

Are all % recoveries within the allowable range ? NA

If No, List sample ID where range was exceeded: NA

Laboratory Control Samples

LCS/LCSD

Are all laboratory control sample recoveries within the QC limits ? Yes

If No, list sample ID and compound where limit was exceeded: NA

MS/MSD

Are all MS/MSD sample recoveries within the QC limits ? Yes
If No, list sample ID and compound where limit was exceeded:

Equipment Field Blank ID : NA
Trip Blank ID : NA
Method Blank: 6010C (6/02/2011) 7470A (6/3/2011)

Were any compounds identified in the method blank, field blank or trip blank above detection limits ? No

If so, list Sample ID/Compound/Concentration/Units:

Sample Analysis Notes by Method:
SW846 7470A
None

SW846 6010C
RPD(s) for Duplicate for Cadmium, Zinc are outside control limits for sample MP17151-D1. RPD acceptable due to low duplicate and sample concentrations.
No qualification necessary
RPD(s) for Serial Dilution for Antimony, Chromium, Copper, Selenium, Zinc are outside control limits for sample MP17151-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
No qualification necessary

Sample ID correction

Reviewed By:
Validated By
Validation performed in accordance with the logic identified in the CLP National Functional Guidelines for all data reported.

New England ACCUTEST LABORATORIES

06/06/11

Technical Report for

Shaw Environmental & Infrastructure

NRG Middletown 1866 River Rd. Middletown CT

1009634013

Accutest Job Number: MC446R

Sampling Date: 05/23/11

Report to:

Shaw Environmental & Infrastructure

Raymond.Cadorette@shawgrp.com

ATTN: Raymond Cadorette

Total number of pages in report: **26**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Kristen Blanchard 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Sample Summary

Shaw Environmental & Infrastructure

Job No: MC446R

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC446-11R	05/23/11	09:15	BG	05/23/11	SO	Soil	SDTRENCH-19 (3)
MC446-13R	05/23/11	09:40	BG	05/23/11	SO	Soil	SDTRENCH-21 (7)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Shaw Environmental & Infrastructure	**Job No**	MC446R
Site:	NRG Middletown 1866 River Rd. Middletown CT	**Report Date**	6/6/2011 11:50:49 AM

2 Sample(s) were collected on 05/23/2011 and were received at Accutest on 05/23/2011 properly preserved, at 1.9 Deg. C and intact. These Samples received an Accutest job number of MC446R. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010C

Matrix: LEACHATE **Batch ID:** MP17151

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC446-13RDUP, MC446-13RMS, MC446-13RSDL, MC446-13RDUP were used as the QC samples for metals.
- Only selected metals requested.
- RPD(s) for Duplicate for Cadmium, Zinc are outside control limits for sample MP17151-D1. RPD acceptable due to low duplicate and sample concentrations.
- RPD(s) for Serial Dilution for Antimony, Chromium, Copper, Selenium, Zinc are outside control limits for sample MP17151-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: LEACHATE **Batch ID:** MP17157

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC446R).

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SDTRENCH-19 (3)		
Lab Sample ID:	MC446-11R	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	85.8
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Arsenic	0.064		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Chromium	0.012		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	06/03/11	06/03/11	MA	SW846 7470A [2]	SW846 7470A [4]
Nickel	0.050		0.040	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	1.6		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13034
(2) Instrument QC Batch: MA13038
(3) Prep QC Batch: MP17151
(4) Prep QC Batch: MP17157

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Report of Analysis

Client Sample ID:	SDTRENCH-21 (7)		
Lab Sample ID:	MC446-13R	**Date Sampled:**	05/23/11
Matrix:	SO - Soil	**Date Received:**	05/23/11
		Percent Solids:	83.7
Project:	NRG Middletown 1866 River Rd. Middletown CT		

Metals Analysis, SPLP Leachate SW846 1312

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 0.0060		0.0060	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Arsenic	0.044		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Beryllium	< 0.0040		0.0040	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Cadmium	< 0.0040		0.0040	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Chromium	< 0.010		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Copper	< 0.025		0.025	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Lead	< 0.010		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Mercury	< 0.00020		0.00020	mg/l	1	06/03/11	06/03/11	MA	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 0.040		0.040	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Selenium	< 0.010		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Silver	< 0.0050		0.0050	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Thallium	< 0.0050		0.0050	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Vanadium	0.37		0.010	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]
Zinc	< 0.10		0.10	mg/l	1	06/02/11	06/02/11	DA	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA13034
(2) Instrument QC Batch: MA13038
(3) Prep QC Batch: MP17151
(4) Prep QC Batch: MP17157

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (CT)
- Chain of Custody
- RCP Form
- Sample Tracking Chronicle

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 2

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC446R

Client / Reporting Information

Company Name: SAIC E&I
Street Address: 100 Technology Center Dr.
City / State / Zip: Stoughton MA 02072
Project Contact / E-mail: Ray Cadorette
Phone: 617-589-6102 office, 774-511-1183 cell | Fax #:
Sampler(s) Name(s) / Phone #: Bill Graves 443-243-1662
Project Manager: Ray Cadorette

Project Information

Project Name: NRG Middle Town
Street: 1866 River Rd
City: Middle Town, CT
Project#: 1009634013
Client PO#: 689715

Billing Information (If different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet): VOCs 8260 / 5035; 1-RCRA Reactivity, 2nd Sol'n; PDT-SPLP, MET, PLB, CrETPH; PDT-SPLP 8270C 1-Sol'n

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OJ - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfite	VOCs 8260 / 5035	1-RCRA Reactivity, 2nd Sol'n; PDT-SPLP, MET, PLB, CrETPH; PDT-SPLP 8270C 1-Sol'n								LAB USE ONLY
-1	SDTRENCH-10 (3)		5-20-11	1400	BG	Soil	4					✓		✓	✓		3	1								
-2	SDTRENCH-11 (3)		5-20-11	1415	BG	Soil	4					✓		✓	✓		3	1								
-3	SDTRENCH-12 (8)		5-20-11	1430	BG	Soil	4					✓		✓	✓		3	1								
-4	SDTRENCH-13 (8)		5-20-11	1440	BG	Soil	4					✓		✓	✓		3	1								
-5	SDTRENCH-14 (12)		5-20-11	1500	BG	Soil	4					✓		✓	✓		3	1								
-6	SDTRENCH-15 (12)		5-20-11	1510	BG	Soil	4					✓		✓	✓		3	1								
-7	SDTRENCH-16 (21)		5-20-11	1530	BG	Soil	4					✓		✓	✓		3	1								
-8	SDTRENCH-16D (21)		5-20-11	1530	BG	Soil	4					✓		✓	✓		3	1								
-9	SDTRENCH-17 (21)		5-20-11	1540	BG	Soil	4					✓		✓	✓		3	1								
-10	SDTRENCH-18 (3)		5-23-11	0900	BG	Soil	4					✓		✓	✓		3	1								
-11	SDTRENCH-19 (3)		5-23-11	0915	BG	Soil	4					✓		✓	✓		3	1								1310, 1084
-12	SDTRENCH-20 (7)		5-23-11	0925	BG	Soil	4					✓		✓	✓		3	1								

Turnaround Time (Business days)
- Std. 10 Business Days
- Std. 5 Business Days (By Contract only)
- 5 Day RUSH
- 3 Day EMERGENCY
- 2 Day EMERGENCY
- 1 Day EMERGENCY

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

72 hour TAT

Data Deliverable Information
- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- FULL1 (Level 3+4)
- CT RCP
- MA MCP
- NYASP Category A
- NYASP Category B
- State Forms
- EDD Format
- Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

LAB QUOTE #5 NRG Account Pricing
QA/QC Reporting Level CT DEP RCP
Detection levels must meet CT RES DEC and GB PMC Standards
72 hour TAT
Refer to Site Specific QAPP

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	5/23/11 1335	1	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☑	Cooler Temp. 1.9

4.1
4

MC446R: Chain of Custody
Page 1 of 5

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PHOENIX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC446R

Client / Reporting Information

Company Name: Shaw E&I
Street Address: 100 Technology Center Dr
City, State, Zip: Stoughton MA 02072
Project Contact, E-mail: Ray Cadorette
Phone #: 617-589-6102 Fax #: 774-571-1183 cell
Sampler(s) Name(s), Phone #: Bill Graves 443-243-1662

Project Information

Project Name: NRG Middletown
Street: 1866 River Rd
City: Middle Town, CT
Project #: 100963401.3
Client PO#: 689715
Project Manager: Ray Cadorette

Billing Information (If different from Report to)

Company Name:
Street Address:
City, State, Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Volatile TCL55 Liquid (Incl MeOH) 2 Vial (Cat Soil) TOT+SPLP Met. Pb, Cr, Zn TOT+SPLP Ex 30 C 1 Jar

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	Volatile TCL55	Liquid (Incl MeOH)	LAB USE ONLY
-13	SD TRENCH-21 (7)		5-23-11	0940	BG	Soil	4					✓		✓	✓		3	1	
-14	SD TRENCH-22 (18)		5-23-11	0950	BG	Soil	4					✓		✓	✓		3	1	
	~~SD TRENCH-23~~																		

5-23-11

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract only)
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink: 72 hr TAT

Approved By (Accutest PM): / Date:

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format
- ☐ Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Lab Quotes NRG Account Project
QA/QC Reporting Level CT DEP RCP
Detection levels must meet CT RES DEC and CT PMC Standards
72 hr TAT
Refer to site Specific QAPP

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	5/23/11 1335	1	2		2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☑	Cooler Temp. 1.9

4.1
4

MC446R: Chain of Custody
Page 2 of 5

Frank D'Agostino MC446R

From: Cadorette, Raymond [Raymond.Cadorette@shawgrp.com]
Sent: Wednesday, June 01, 2011 8:44 AM
To: Jeremy Vienneau
Cc: Frank D'Agostino
Subject: RE: NRG Middletown

Yes, 3 day TAT on the SPLP metals.

Raymond J. Cadorette
Project Scientist
Shaw Environmental & Infrastructure
100 Technology Center Drive
Stoughton, MA 02072
617.589.6102 direct
617.589.5496 fax
raymond.cadorette@shawgrp.com

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From: Jeremy Vienneau [mailto:jeremyv@accutest.com]
Sent: Tuesday, May 31, 2011 4:20 PM
To: Cadorette, Raymond
Subject: RE: NRG Middletown

I'm sorry,

As I'm doing this I noticed you had wanted 3 day TAT, is this the same for the SPLP Metals that you just requested?

Regards,

Jeremy M. Vienneau
Project Manager
Accutest Laboratories, NE
☎ : 508-481-6200 ext. 221

6/1/2011

From: Cadorette, Raymond [mailto:Raymond.Cadorette@shawgrp.com]
Sent: Tuesday, May 31, 2011 4:11 PM
To: Jeremy Vienneau
Subject: RE: NRG Middletown

Is this note regarding the PAH results?

Raymond J. Cadorette
Project Scientist
Shaw Environmental & Infrastructure
100 Technology Center Drive
Stoughton, MA 02072
617.589.6102 direct
617.589.5496 fax
raymond.cadorette@shawgrp.com

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From: Jeremy Vienneau [mailto:jeremyv@accutest.com]
Sent: Tuesday, May 31, 2011 4:10 PM
To: Cadorette, Raymond
Subject: RE: NRG Middletown

Hello Ray,

MC446 - 12 and -13 had to go back for re-extraction. They are currently doing that right now and you should expect results tomorrow. Sorry.

Regards,

Jeremy M. Vienneau
Project Manager
Accutest Laboratories, NE
☎ : 508-481-6200 ext. 221

From: Cadorette, Raymond [mailto:Raymond.Cadorette@shawgrp.com]
Sent: Tuesday, May 31, 2011 3:50 PM
To: Jeremy Vienneau
Cc: Walker, Andrew

6/1/2011

MC446R: Chain of Custody

Page 4 of 5

Subject: NRG Middletown

Hello Jeremy. For job MC446 we would like you to run metals SPLP analysis for samples SDTRENCH-19(3) and SDTRENCH-21(7). These are lab sample IDs MC446-11 and MC446-13.

I only see 11 out of the 14 PAH results on lab link for MC 446. When will the remaining PAH results be ready?

Raymond

Raymond J. Cadorette
Project Scientist
Shaw Environmental & Infrastructure
100 Technology Center Drive
Stoughton, MA 02072
617.589.6102 direct
617.589.5496 fax
raymond.cadorette@shawgrp.com

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6/1/2011

Reasonable Confidence Protocol
Laboratory Analysis
QA/QC Certification Form

Laboratory Name: **Accutest New England** **Client:** **Shaw Environmental & Infrastructure**

Project Location: **NRG Middletown 1866 River Rd. Middletown CT** **Project Number:** **1009634013**

Sampling Date(s): **5/23/2011**

Laboratory Sample ID(s): MC446-11R, MC446-13R

Methods: EPA 160.3 M, SW846 6010C, SW846 7470A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents)?	Yes ☑ No ☐
1A	Where all the method specified preservation and holding time requirements met?	Yes ☑ No ☐
1B	VPH and EPH mehods only: Was the VPH or EPH method conducted without significant modifications (See section 11.3 of respective methods)	Yes ☐ No ☐ NA ☑
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes ☑ No ☐
3	Were samples received at an appropriate temperature (<6° C)?	Yes ☑ No ☐
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	Yes ☑ No ☐
5	a) Were reporting limits specified or referenced on the chain-of-custody?	Yes ☑ No ☐
	b) Were these reporting limits met?	Yes ☑ No ☐
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes ☐ No ☑
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes ☑ No ☐

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Position: Lab Director

Printed Name: Reza Tand Date: 6/6/2011
Accutest New England

Internal Sample Tracking Chronicle

Shaw Environmental & Infrastructure

Job No: MC446R

NRG Middletown 1866 River Rd. Middletown CT
Project No: 1009634013

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
MC446-11R SDTRENCH-19 (3)	Collected: 23-MAY-11 09:15 By: BG		Received: 23-MAY-11 By: JB			
MC446-11R	SW846 6010C	02-JUN-11 14:40	DA	02-JUN-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC446-11R	SW846 7470A	03-JUN-11 17:10	MA	03-JUN-11	MA	EHG
MC446-13R SDTRENCH-21 (7)	Collected: 23-MAY-11 09:40 By: BG		Received: 23-MAY-11 By: JB			
MC446-13R	SW846 6010C	02-JUN-11 14:08	DA	02-JUN-11	EM	EAG,EAS,EBE,ECD,ECR,ECU, ENI,EPB,ESB,ESE,ETL,EVA,EZN
MC446-13R	SW846 7470A	03-JUN-11 17:13	MA	03-JUN-11	MA	EHG

New England ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 06/02/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.024	.04		
Antimony	0.0060	.0012	.002	0.00010	<0.0060
Arsenic	0.010	.00083	.0011	0.00020	<0.010
Barium	0.50	.001	.001		
Beryllium	0.0040	.00024	.00024	-0.00010	<0.0040
Boron	0.10	.00051	.0018		
Cadmium	0.0040	.00018	.00018	0.0	<0.0040
Calcium	5.0	.026	.026		
Chromium	0.010	.00066	.00066	0.00020	<0.010
Cobalt	0.050	.00016	.00022		
Copper	0.025	.0013	.0025	0.00030	<0.025
Gold	0.050	.0022	.0029		
Iron	0.10	.014	.014		
Lead	0.010	.0012	.0014	0.00050	<0.010
Magnesium	5.0	.071	.11		
Manganese	0.015	.00015	.00043		
Molybdenum	0.10	.00022	.00036		
Nickel	0.040	.00022	.00035	0.0	<0.040
Palladium	0.050	.0024	.0034		
Platinum	0.050	.0062	.015		
Potassium	5.0	.086	.086		
Selenium	0.010	.0021	.0021	0.0013	<0.010
Silicon	0.10	.0022	.018		
Silver	0.0050	.00076	.001	-0.00030	<0.0050
Sodium	5.0	.021	.041		
Strontium	0.010	.0003	.00038		
Thallium	0.0050	.00083	.00088	0.0	<0.0050
Tin	0.10	.00045	.00047		
Titanium	0.050	.00061	.001		
Tungsten	0.10	.0077	.013		
Vanadium	0.010	.0012	.0015	-0.00090	<0.010
Zinc	0.10	.00012	.00061	-0.00020	<0.10

Associated samples MP17151: MC446-11R, MC446-13R

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Metal	MC446-13R Original	MS	Spikelot MPICP	% Rec	QC Limits	MC446-13R Original	DUP	RPD	QC Limits
Prep Date:				06/02/11				06/02/11	
Aluminum									
Antimony	0.0021	0.52	0.50	103.6	75-125	0.0021	0.0024	13.3	0-20
Arsenic	0.044	0.55	0.50	101.2	75-125	0.044	0.043	2.3	0-20
Barium									
Beryllium	0.0	0.52	0.50	104.0	75-125	0.0	0.0	NC	0-20
Boron									
Cadmium	0.0	0.52	0.50	104.0	75-125	0.0	0.00020	200.0(a)	0-20
Calcium									
Chromium	0.0013	0.52	0.50	103.7	75-125	0.0013	0.0014	7.4	0-20
Cobalt									
Copper	0.0018	0.51	0.50	101.6	75-125	0.0018	0.0017	5.7	0-20
Gold									
Iron									
Lead	0.0	0.99	1.0	99.0	75-125	0.0	0.0	NC	0-20
Magnesium									
Manganese									
Molybdenum									
Nickel	0.0	0.52	0.50	104.0	75-125	0.0	0.0	NC	0-20
Palladium									
Platinum									
Potassium									
Selenium	0.0098	0.53	0.50	104.0	75-125	0.0098	0.0099	1.0	0-20
Silicon									
Silver	0.0	0.21	0.20	105.0	75-125	0.0	0.0	NC	0-20
Sodium									
Strontium									
Thallium	0.0	0.51	0.50	102.0	75-125	0.0	0.0	NC	0-20
Tin									
Titanium									
Tungsten									
Vanadium	0.37	0.89	0.50	104.0	75-125	0.37	0.35	5.6	0-20
Zinc	0.0018	0.53	0.50	105.6	75-125	0.0018	0.0	200.0(a)	0-20

Associated samples MP17151: MC446-11R, MC446-13R

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:			06/02/11					06/02/11	
Metal	BSP Result	Spikelot MPICP	% Rec	QC Limits	BSD Result	Spikelot MPICP	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	0.51	0.50	102.0	80-120	0.52	0.50	104.0	1.9	20
Arsenic	0.51	0.50	102.0	80-120	0.51	0.50	102.0	0.0	20
Barium									
Beryllium	0.52	0.50	104.0	80-120	0.52	0.50	104.0	0.0	20
Boron									
Cadmium	0.52	0.50	104.0	80-120	0.52	0.50	104.0	0.0	20
Calcium									
Chromium	0.51	0.50	102.0	80-120	0.52	0.50	104.0	1.9	20
Cobalt									
Copper	0.51	0.50	102.0	80-120	0.51	0.50	102.0	0.0	20
Gold									
Iron									
Lead	0.99	1.0	99.0	80-120	1.0	1.0	100.0	1.0	20
Magnesium									
Manganese									
Molybdenum									
Nickel	0.52	0.50	104.0	80-120	0.52	0.50	104.0	0.0	20
Palladium									
Platinum									
Potassium									
Selenium	0.51	0.50	102.0	80-120	0.53	0.50	106.0	3.8	20
Silicon									
Silver	0.21	0.20	105.0	80-120	0.21	0.20	105.0	0.0	20
Sodium									
Strontium									
Thallium	0.51	0.50	102.0	80-120	0.52	0.50	104.0	1.9	20
Tin									
Titanium									
Tungsten									
Vanadium	0.53	0.50	106.0	80-120	0.53	0.50	106.0	0.0	20
Zinc	0.54	0.50	108.0	80-120	0.54	0.50	108.0	0.0	20

Associated samples MP17151: MC446-11R, MC446-13R

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/02/11

Metal	MC446-13R Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	2.10	0.00	100.0(a)	0-10
Arsenic	43.5	40.8	6.2	0-10
Barium				
Beryllium	0.00	0.00	NC	0-10
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium				
Chromium	1.30	0.00	100.0(a)	0-10
Cobalt				
Copper	1.80	0.00	100.0(a)	0-10
Gold				
Iron				
Lead	0.00	0.00	NC	0-10
Magnesium				
Manganese				
Molybdenum				
Nickel	0.00	0.00	NC	0-10
Palladium				
Platinum				
Potassium				
Selenium	9.80	0.00	100.0(a)	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	367	359	2.0	0-10
Zinc	1.80	1.30	27.8 (a)	0-10

Associated samples MP17151: MC446-11R, MC446-13R

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17151
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17157
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 06/03/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.00020	.000018	.000029	-0.000013	<0.00020

Associated samples MP17157: MC446-11R, MC446-13R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC446R
Account: FDG - Shaw Environmental & Infrastructure
Project: NRG Middletown 1866 River Rd. Middletown CT

QC Batch ID: MP17157
Matrix Type: LEACHATE

Methods: SW846 7470A
Units: mg/l

Prep Date: 06/03/11 06/03/11

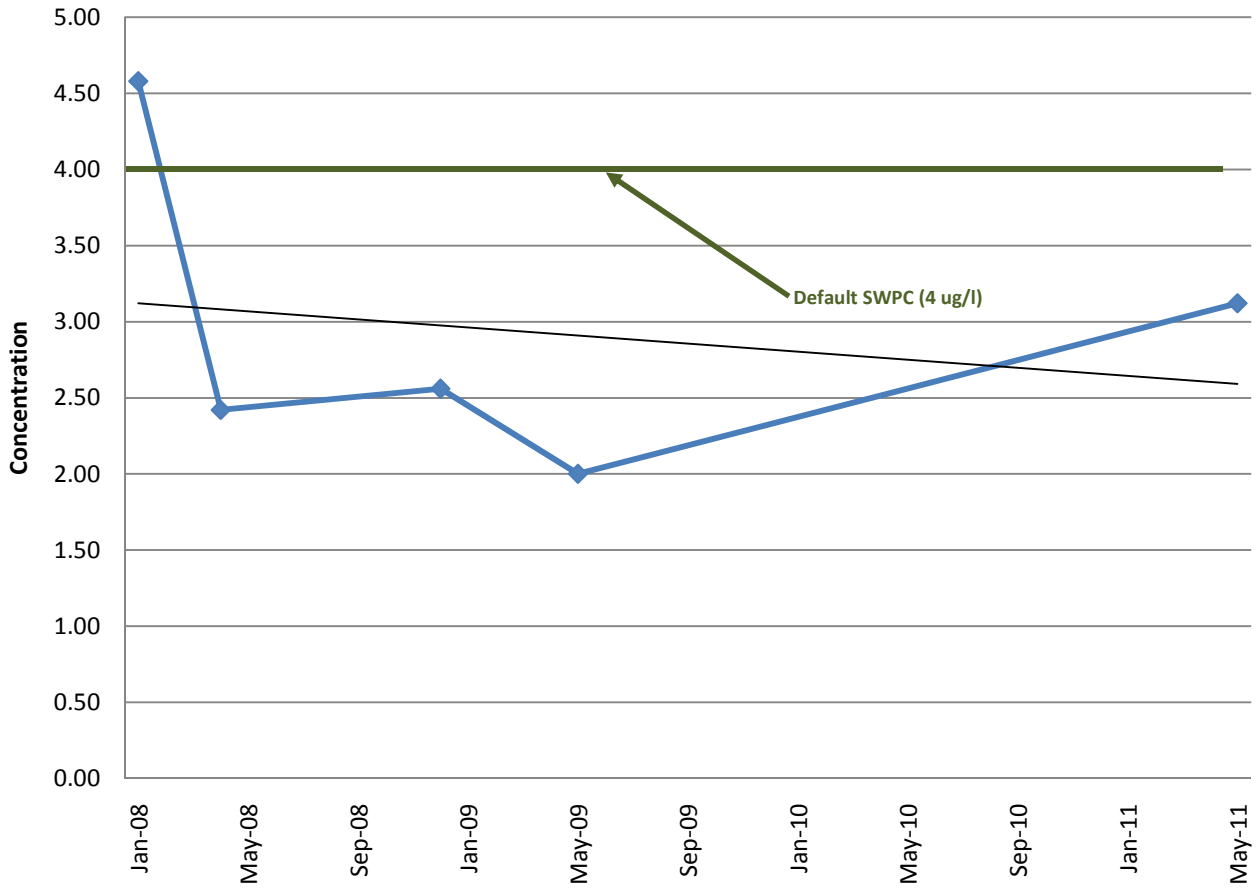
Metal	BSP Result	Spikelot HGRWS1	% Rec	QC Limits	BSD Result	Spikelot HGRWS1	% Rec	BSD RPD	QC Limit
Mercury	0.0027	0.0030	90.0	80-120	0.0029	0.0030	96.7	7.1	

Associated samples MP17157: MC446-11R, MC446-13R

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

ATTACHMENT 2

Average Arsenic Concentration in Groundwater Plume
Middletown Power LLC
Middletown, CT



Sampling Date	Average As Conc. (ug/l)
Jan-2008	4.58
Apr-2008	2.42
Dec-2008	2.56
May-2009	2.00
May-2011	3.12

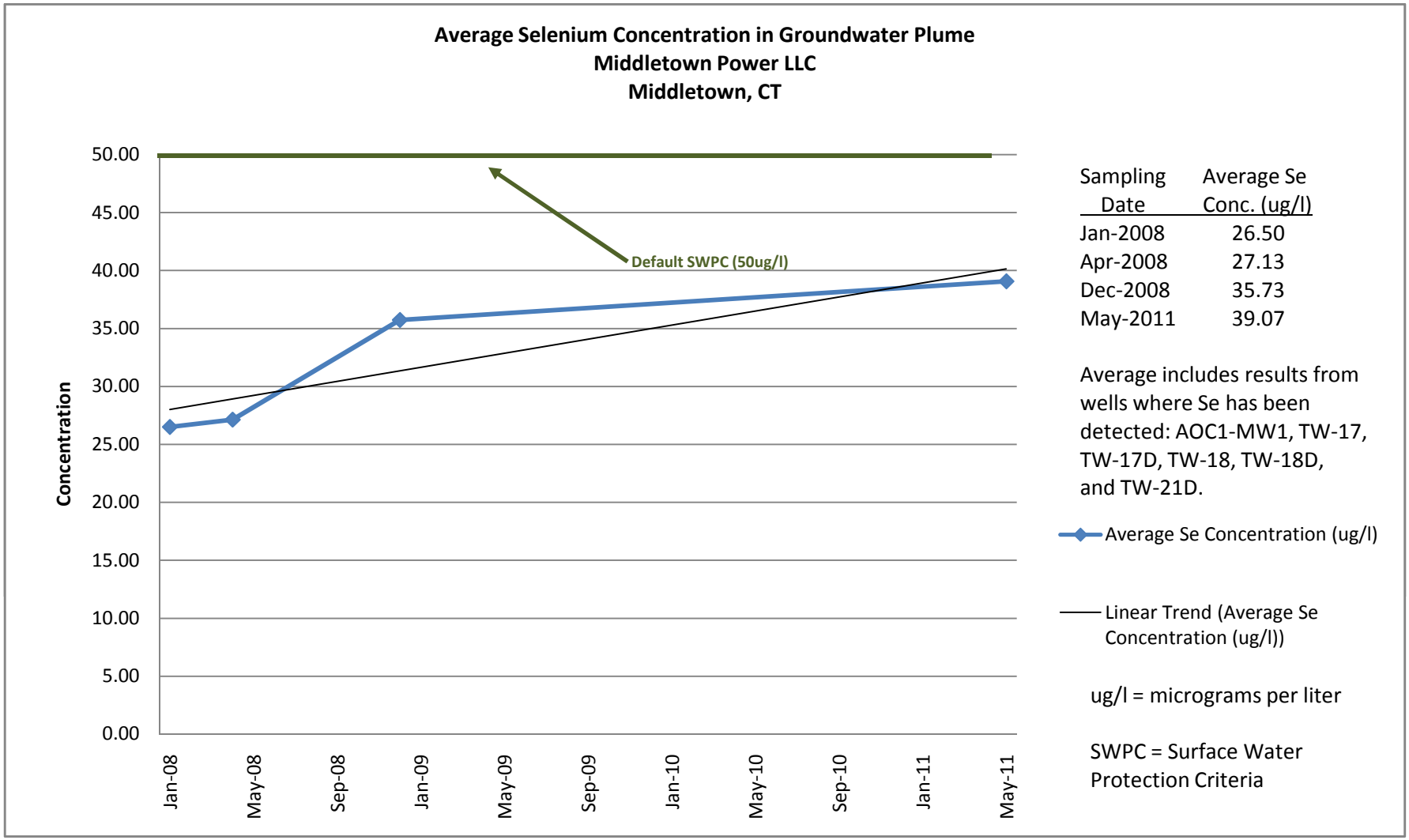
Average includes results from wells where As has been detected: AOC08-SB1-MW1, AOC09-SB1-MW1, AOC09-SB2-MW2, TW-18, and TW-10.

Average As Concentration (ug/l)

Linear Trend (Average As Concentration (ug/l))

ug/l = micrograms per liter

SWPC = Surface Water Protection Criteria



Sampling Date	Average Se Conc. (ug/l)
Jan-2008	26.50
Apr-2008	27.13
Dec-2008	35.73
May-2011	39.07

Average includes results from wells where Se has been detected: AOC1-MW1, TW-17, TW-17D, TW-18, TW-18D, and TW-21D.

ug/l = micrograms per liter

SWPC = Surface Water Protection Criteria

ATTACHMENT 3

Attachment 3
Photographs of Polybutene Spill Area

View of fallen center bushing, the source of the polybutene spill (photo taken April 19, 2011).

View of other intact bushings (photo taken April 19, 2011).

Attachment 3
Photographs of Polybutene Spill Area

View of sprayed blast wall (photo taken April 19, 2011).

View of sprayed dike (photo taken April 19, 2011).

Attachment 3
Photographs of Polybutene Spill Area

View of spill area delineated with white marking paint (photo taken April 19, 2011).

View of spill area showing one-half cleared of impacted surficial stone/soil material (photo taken April 19, 2011).

MATERIAL SAFETY DATA SHEET

G&W Electric Company
3500 West 127th Street
Blue Island, IL. 60406
(708) 388-5010/ Fax (708) 388-0755

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	**Novoid #224**	
Product Use:	Fuel additive. Sealants Coatings Lubricants Cling Film.Adhesives	
General Use:	Heavy polybutene high voltage insulating compound	
Chemical Family:	Isobutylene/butene copolymer	
Manufacturer:	**G&W Electric Co.** 3500 West 127th Street Blue Island, IL 60406-1864	**Telephone/Fax Numbers:** (708) 388-5010/(708)388-0755 Hours: 8:00A.M. - 4:00P.M.

SECTION 2. COMPOSITION AND INGREDIENT INFORMATION

Ingredient Name	CAS#	% by Weight	Exposure Limits
Polybutene (Isobutylene/butene copolymer)	9003-29-6	100	None Assigned

SECTION 3. HAZARD IDENTIFICATION

Physical State: Liquid

Color: Clear. Colorless

Emergency Overview: CAUTION!

This Product has been evaluated and does not require any hazard warning on the label under established regulatory criteria.

Use only with adequate ventilation. Wash thoroughly after handling. Avoid contact with eyes.

Routes of Entry: Skin contact. Eye contact. Inhalation. Ingestion.

POTENTIAL HEALTH EFFECTS

Eyes May cause slight transient irritation. Heated material can cause thermal burns.

Skin Repeated exposure may cause skin dryness or cracking. Heated material can cause thermal burns.

Inhalation Exposure to aerosols or particulates from heated material may cause adverse lung effects if high concentrations are inhaled.

Ingestion Ingestion may cause gastrointestinal irritation and diarrhea.

Medical Conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravated medical condition.

See Toxicological Information (Section 11)

SECTION 4. FIRST AID MEASURES

Eye Contact: Hot material: Flush eyes with plenty of water for at least 15 minutes. Seek medical assistance for mechanical removal of this material from the eye. The use of flush fluid, other than water, is not recommended. Cold material: Flush eyes with plenty of water.

Skin Contact: Hot material: Immediately flush with cool water for at least 15 minutes. Get Immediate medical attention. Cold material: Clean exposed skin with waterless hand cleaner.

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Notes to Physician: Medical personnel may leave the material in place to minimize physical damage to the skin. Medical personnel may cover the material with a burn gel to prevent the adhesion of the dressing to the material.

SECTION 5. FIRE FIGHTING MEASURES

Flammability of the Product:	May be combustible at high temperature.
Flash Point:	>154 °C (OPEN CUP) Cleveland. 125 to 165 °C (CLOSED CUP) Pensky-Martens.
Products of Combustion:	These products are carbon oxides (CO, CO_2)
Unusual fire/explosion hazards:	Rapid depolymerization can occur in a fire to product flammable vapors. Non-explosive in presence of open flames, sparks and static discharge, of shocks, of heat, of oxidizing materials.
Fire Fighting Media and Instructions:	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet. Cool closed containers exposed to fire with water.
Protective Clothing (Fire):	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal	Immediately contact emergency personnel. Keep unnecessary personnel

Precautions:	away. Use suitable protective equipment. Follow all fire fighting procedure. If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Avoid contact of spilled material and runoff with soil and surface waterways. Keep out of waterways. Treat as an oil spill. Insoluble in water.
Environmental Precautions and Clean-up Methods:	If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways.
Personal Protection in Case of a Large Spill:	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult specialist BEFORE handling this product.
SECTION 7. HANDLING AND STORAGE	
Handling:	Avoid breathing vapors or spray mists. Adequate ventilation should be provided if there is risk of aerosol formation. Keep away from sources of ignition. Ground all equipment containing material. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat or sources of ignition. To avoid fire or explosion, dissipate static electrically during transfer by grounding and bonding containers and equipment before transferring material. Wash thoroughly after handling. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Empty containers may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against those hazards.
Storage:	Store in a segregated area. A potentially flammable atmosphere may be generated if material is held hot for prolonged periods. For prolonged storage at temperatures of 60C and above, keep in rust-free tanks and exclude oxygen by use of a nitrogen blanket. Heating systems which generate localized hot spots should never be used. Suitable storage materials are: Mild steel / carbon steel. Store and use away from heat, sparks, open flame, or any other ignition source. Keep container tightly closed in a cool, well-ventilated place.
SECTION 8. EXPOSURE AND CONTROLS/PERSONAL PROTECTION	
Occupational Exposure Limits	
Ingredient Name	**Occupational Exposure Limits**
Polybutene (Isobutylene/butene copolymer)	None assigned.
Control Measures:	Use only with adequate ventilation. Avoid breathing vapor or mist. Wear

	appropriate respirator when ventilation is inadequate. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Hygiene Measures:	Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of the day.
Personal Protection	
Eyes:	Safety glasses with side shields. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes, or when material is handled hot.
Skin and Body:	Wear apron or coverall if potential for exposure to splashes. When handling hot material, wear heat resistant protective gloves, clothing and face shield that are able to withstand the temperature of the heated product.
Respiratory:	Respiratory protection is not normally required. If heated and ventilation is inadequate, use respirator which will protect against organic vapor and dust/mist.
Hands:	Gloves: Protective gloves should be worn under normal conditions of use, (Nitrile gloves.) When handling hot material, wear heat resistant protective gloves, clothing and face shield that are able to withstand the temperature of the heated product. The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Odor:	Characteristic
Color:	Clear. Colorless
Pour Point:	-15 to 15°C
Specific Gravity:	0.879 to 0.906
Solubility:	Insoluble in cold water, hot water.
Viscosity:	kinematic: 70 to 2700 cSt at 100 °C SUS: 341 to 11650 SUS at 100 °C

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity:	Stable under recommended storage and handling conditions.
Conditions to avoid:	Keep away from sources of ignition. Keep away from heat, sparks and flame. Depolymerizes at temperatures above 250C.
Incompatibility with Various Substances:	Strong oxidizing agents; acidic clays at > 100C.

Hazardous Decomposition Products:	Products of Combustion; carbon oxides (CO, CO2)
Hazardous Polymerization:	Will not occur.
SECTION 11. TOXICOLOGICAL INFORMATION	
Acute toxicity:	Similar materials were practically non-toxic when tested in acute oral (rat LD50 > 34,600 mg/kg), dermal (rabbit LD50 > 10,250 mg/kg). A range of similar materials have been tested for eye and skin irritation. For eye irritation, none of these materials have produced scores exceeding 8.0 out of a possible total of 110 with complete disappearance of effects in 72 hours (rabbits). Consequently these materials are expected to be mildly irritating to the eyes. When applied to the skin of rabbits similar materials scored 1.5 out of a possible total of 8.0, indicating that this product may be a slight skin irritant.
SECTION 12. ECOLOGICAL INFORMATION	
Ecotoxicity:	>1000 mg/l [LC50, (WSF) Nominal Concentration, similar material], 96 hours [Fish (Trout)]. >1000 mg/l [LC50, (WSF) Nominal Concentration, similar material], 96 hours [(Minnows)]. >1000 mg/l [LC50, (WSF) Nominal Concentration, similar material], 48 hours [(Daphnia)].
Persistence/ Degradability:	This Product is unlikely to biodegrade at a significant rate.
Mobility:	This product is not likely to move rapidly with surface or groundwater flows because of its low water solubility of; <1000 ppm
Bioaccumulative Potential:	This product is not expected to bioaccumulate through food chains in the environment.
Other Ecological Information:	Aquatic studies of material with very low water solubility often refer to the amount of chemical added to the test system, not the amount dissolved in water. Most acute aquatic toxicity studies of these have used the water-accommodated fraction (WAF) obtained by mixing the test chemical in water for 20 to 24 hours, then siphoning the water for use in the test. The water-soluble fraction (WSF) is a similar approach. These materials are not expected to be adversely affect microbial activity. Following a modified OECD Method 209, bacterial inhibition using activated sludge microbes was tested with several grades of this material. The tests showed no bacterial inhibition at loadings of up to 25 mg/L, measured through oxygen consumption (respiration). In separate tests, the biological oxygen demand (BOD) of the microorganisms was measured. In these tests, there was no evidence of bacterial toxicity, even at loadings of about 200,000 mg/L. In addition, an epoxidized form of this material was found to be non-mutagenic and non-toxic to the microorganism used in the Ames mutagenicity assay, Salmonella typhimurium.

SECTION 13. DISPOSAL INFORMATION

Waste Information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Empty container may contain harmful, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards. Labels should not be removed from containers until they have been cleaned.

Consult your local or regional authorities.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Class	Packing Group	Label
DOT Classification	UN3257	Elevated temperature liquid, n.o.s.	9	III	Not determined
TDG Classification	UN3257	Elevated temperature liquid, n.o.s.	9	III	Not determined
IMDG Classification	UN3257	Elevated temperature liquid, n.o.s. (Polybutene (Isobutylene/ butene copolymer))	9	III	Not determined
IATA Classification	UN3257	Forbidden			Not determined

Nonbulk Shipping Information

D O T Nonbulk Shipping Information:	When this material is shipped at temperatures <100C this material is not regulated for transport.
T D G Nonbulk Shipping Information:	When this material is shipped at temperatures <100C this material is not regulated for transport.
IMDG Nonbulk Shipping Information:	When this material is shipped at temperatures <100C this material is not regulated for transport.
IATA Nonbulk Shipping Information:	When this material is shipped at temperatures <100C this material is not regulated for transport.

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations:	US INVENTORY (TSCA): In compliance. SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355. SARA Title III Sections 311/312 Hazardous Categorization (40 CFR Part 370): Defined as non-hazardous by OSHA under 29 CFR 1910.1200(d). SARA 313 toxic chemical notification and release reporting: No products were found.

	CERCLA Sections 102a/103 Hazardous Substances (40 CFR Part 302.4): This material is not regulated under CERCLA Sections 103 and 107.
State Regulations:	No Products were found. California prop. 65: No products were found.
Inventories:	AUSTRALIAN INVENTORY (AICS): In compliance. CANADA INVENTORY (DSL): In compliance. CHINA INVENTORY (IECS): In compliance. EC INVENTORY (EINECS): In compliance. JAPAN INVENTORY (ENCS): In compliance. KOREA INVENTORY (ECL): In compliance. PHILIPPINE INVENTORY (PICCS): In compliance.
SECTION 16. OTHER INFORMATION	
Label Requirements:	CAUTION! This Product has been evaluated and does not require any hazard warning on the label under established regulatory criteria.
Hazardous Material Information System (U.S.A.):	Heath- **0** Fire Hazard- **1** Instability- **0** Personal Protection- **C**

Prepared by:	Lilyana Flores
DATE: 12/2/03	SUPERSEDES: 11/6/03

Disclaimer
NOTICE: This Material Safety Data Sheet (MSDS) conforms to the requirements of OSHA 29 CFR Part 1910 and State of California CCR Title 8, and the recommendations in ANSI Z400.1. The information it contains is offered in good faith as accurate. We have reviewed the information contained in this MSDS which we received from sources outside our company. We believe that information to be correct, but we make no representations as to the accuracy or completeness thereof. Health and Safety precautions may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. We disclaim any liability for damage or injury which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including warranty of merchantability) or representation (including freedom from any patent liability) by us with respect to the information, the product described, or their use for any specific purpose, even if that purpose is known to us. In no event will we be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

Emergency Response and Spill Prevention Division

Emergency Incident Report

Case No.: 2011-01877

Staff Receiving Call: 209 WELCH, THOMAS **Assigned To:** 000 NO RESPONSE

Date Reported: 04/16/2011 **Time Reported:** 10:52

Date of Release: 04/16/2011 **Time of Release:** UNKNOWN

Town of Release: MIDDLETOWN **State of Release:** CT

Location of Reported Release: 1866 RIVER ROAD

Reported By: KEITH SHORTSLEEVE **Phone:** (203) 376-2229

Representing: JENCONN

Responsible Party: **Phone:**

Street Address:

Town: **State:** **Zip Code:**

Does the Responsible Party Accept Financial Responsibility?

Release Type: CHEMICAL

Release Substance: polybutene copolymer

Media: GROUND SURFACE

Total Quantity: ~250 **Gallons** 0 **Cubic Yards** 0 **Cubic Feet** 0 **Drums** 0 **Pounds**

Emergency Measures: on the pavement and gravel, came out of a bushing on a 5k transformer no PCB, perafin isobutalane turned into a wax its an elictrical insulator in the transformer

Has the Release Been Terminated?: NO

Type of Waterbody Affected: NONE

Name of Waterbody Affected:

Total Quantity Recovered: 0 **Total Quantity in Water:** 0

Corrective Actions Taken: MORAN CONTRACTED

Discharge Class: COMMERCIAL

Cause of Incident: BUSHING FAILURE

Agencies Notified: DEP DISPATCH

Status: CLOSED

Steele, Andrea

From: Walker, Andrew
Sent: Tuesday, July 12, 2011 12:14 PM
To: Steele, Andrea
Subject: FW: NRG Middletown GenConn polybutene release

Importance: Low

Andrew D. Walker, LSP, LEP
Project Manager
Shaw Environmental & Infrastructure
100 Technology Center Drive, Stoughton, MA 02072
W-617.589.6143
C-617.515.2601
www.shawgrp.com

From: Shteynberg, Gennady [mailto:Gennady.Shteynberg@ct.gov]
Sent: Thursday, May 19, 2011 12:25 PM
To: Shteynberg, Gennady; Walker, Andrew
Cc: 'Shortsleeve, Keith'; 'bob.spooner@middletownpower.com'; Shteynberg, Gennady
Subject: RE: NRG Middletown GenConn polybutene release
Importance: Low

Andrew,

Today, I discussed the case once again with you and here in our Division. We also researched several references suggested by Google for isobutylene/butane copolymer, including the MSDS and the EPA 2006 Memo you referenced in your May 13, 2011 email below.

In summary, I agree with your evaluation of the case and concur that no additional action is required other than documentation in the next status report.
Please provide photos and more detailed information about timing of the spill and remedial actions, the release area/depth , the weather conditions (rain/no rain), etc.

Regards,

Gennady (Gene) Shteynberg
Environmental Analyst 3
Remediation Division
Bureau of Water Protection and Land Reuse
State of Connecticut Department of Environmental Protection
Telephone: (860) 424-3283
Fax: (860) 424-4055
e-mail: gennady.shteynberg@ct.gov

From: Shteynberg, Gennady
Sent: Wednesday, May 18, 2011 2:07 PM
To: 'Walker, Andrew'
Cc: 'Shortsleeve, Keith'; 'bob.spooner@middletownpower.com'
Subject: RE: NRG Middletown GenConn polybutene release
Importance: Low

Hi Andrew,

I've forwarded your email to couple of people – one in our Remediation Division and one in the Department of Public Health - experienced in analyzing contaminated media for environmental projects. Their advice is:

To demonstrate the effectiveness of the cleanup, there is a need to evaluate the soil at the limits at the excavation and groundwater at the location of the release.
The appropriate testing parameters should be determined by the environmental professional. The parameters that should be used include VOCs 8260, SVOCs 8270, and ETPH.
The use of the RCPs (Reasonable Confidence protocols) will result in analytical data of known quality and their use is recommend.

Regards,

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From: Walker, Andrew [mailto:Andrew.Walker@shawgrp.com]
Sent: Friday, May 13, 2011 11:44 AM
To: Shteynberg, Gennady
Cc: Shortsleeve, Keith; 'bob.spooner@middletownpower.com'
Subject: NRG Middletown GenConn polybutene release

Gene – As a follow up to our conversation yesterday, the following is a summary of the items discussed. (Note the following update: The case is closed and the CTDEP Emergency Incident Report is attached. Mark DeCaprio was the CTDEP person in charge of the response and CTDEP deemed that a site visit was not required.)

About 250 gallons of polybutene (isobutylene/butane copolymer) were released onto the ground when a bushing failed at the GenConn facility in Middletown, CT on April 16, 2011. Cleanup of the material using high-vacuum recovery was initiated immediately following the release. Approximately 250 tons of impacted very shallow soil and trap rock affected by the viscous fluid were recovered and disposed at an off-

site facility. For the following reasons, there is expected to be no impact to the soils and groundwater in the release area and no addition actions are required to assess or remediate this release:

- Typical of a polymer and confirmed by the MSDS, this compound has a very low solubility in water so adverse impact to water resources is unlikely;

- Polymers do not decompose easily or quickly. Since removal of the spilled material was initiated within hours of the release, there would be no breakdown products. For the same reason, analysis of spill area soils for breakdown products such as butene and isobutylene would be of little to no value. In addition, TPH and ETPH are not appropriate indicators of the release.

- The physical nature of this polymeric material (a viscous high molecular weight liquid) and the fact that discrete high viscosity droplets were formed when it was released allowed visual inspection of the spill areas to confirm the thoroughness of the cleanup.

- The toxicological section of the MSDS indicates that this material is likely non-toxic, but is a slight skin irritant.
    - Toxicological data for isobutylene/butene copolymers is lacking. This substance is not included in the Integrated Risk Information Service (IRIS) data base, and there is no oral toxicity information in the Hazardous Substance Data Bank (HSDB). The Material Safety Data Sheet (MSDS) for this substance indicates that “similar materials were practically non-toxic”.

    - Additional information on the toxicity on isobutylene/butene copolymers was found in EPA (2006), which is a memo discussing the evaluation of these substances as inert ingredients as components of pesticide formulations. In this memo, EPA concluded that isobutylene/butene copolymers were exempt from the requirement for a food tolerance when used in pesticide formulations for soil application. The basis of their conclusion was that “there is a reasonable certainty that no harm to any population subgroup will result from aggregate exposure to these chemicals” when used in this manner. These copolymers were evaluated

from a structure activity perspective due to the lack of toxicity data, and EPA concluded that they "are not likely to be absorbed by any route of exposure, and are of low concern for human health effects". Their evaluation was for a polymer with a different CAS # (9044-17-1), but their discussion and evaluation was for isobutylene/butene polymers in general. They also concluded that potential exposures would be negligible considering use as a binder in soil, due to the poor absorption and low water solubility. Based on these considerations, they concluded that evaluation of dietary and residential exposure was not necessary and that residues of isobutylene/butene copolymers are considered safe when used as a binder in pesticide formulations applied to soil. While EPA's conclusions were specific to this use, their conclusions about absorption and relative toxicity are applicable to these compounds in general.

It is very important that we resolve this issue quickly as it may have immediate implications to the economically important Repowering work that is nearing completion. If this email is consistent with your understanding of the site release and our phone conversation, **then please send a reply email to NRG and me (as site LEP) stating that CTDEP concurs with our approach.**

Thanks

-AW

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ATTACHMENT 4

Attachment 4
Photographs of Repowering Storm Drain Trench Debris Area

View of soil and debris removed from storm drain trench (photo taken May 6, 2011).

View of debris in sidewall of storm drain trench (photo taken May 6, 2011).

Attachment 4
Photographs of Repowering Storm Drain Trench Debris Area

View of storm drain trench showing debris layer at depth (photo taken May 19, 2011).

View of soil and debris removed from the storm drain trench (photo taken May 18, 2011).

ATTACHMENT 5

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Debris Area Samples						Non-Debris Area Samples			
Site ID				SDTRENCH-03	SDTRENCH-04	SDTRENCH-05	SDTRENCH-06	SDTRENCH-12	SDTRENCH-13	EX-1	EX-2	SDTRENCH-01	SDTRENCH-02
Sample Depth				9	9	12	12	8	8	14.5	5.5	5	5
CONSTITUENT	GB PMC	I/C DEC	ResDEC	5/17/2011	5/17/2011	5/17/2011	5/17/2011	5/20/2011	5/20/2011	5/6/2011	5/6/2011	5/17/2011	5/17/2011
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	0.2	220	24	<0.0078	<0.0062	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045	<0.0041	<0.0025	<0.0063UJ
1,1,1-Trichloroethane	40	1000	500	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
1,1,2,2-Tetrachloroethane	0.1	29	3.1	<0.0031UJ	<0.0025UJ	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016UJ	<0.0010UJ	<0.0025UJ
1,1,2-Trichloroethane	1	100	11	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
1,1-Dichloroethane	14	1000	500	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
1,1-Dichloroethene	1.4	9.5	1	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
1,1-Dichloropropene	NE	NE	NE	<0.0078	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063UJ
1,2,3-Trichlorobenzene	NE	NE	NE	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
1,2,3-Trichloropropane	NE	NE	NE	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
1,2,4-Trichlorobenzene	14	2500	680	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
1,2,4-Trimethylbenzene	70	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
1,2-Dibromoethane (EDB)	0.1	0.067	0.007	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
1,2-Dichlorobenzene	3.1	1000	500	<0.0031UJ	<0.0025UJ	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016UJ	<0.0010UJ	<0.0025UJ
1,2-Dichloroethane	0.2	63	6.7	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
1,2-Dichloropropane	1	84	9	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025UJ
1,3,5-Trimethylbenzene	70	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
1,3-Dichlorobenzene	120	1000	500	<0.0031UJ	<0.0025UJ	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016UJ	<0.0010UJ	<0.0025UJ
1,3-Dichloropropane	NE	NE	NE	<0.0078	<0.0062	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063UJ
1,4-Dichlorobenzene	15	240	26	<0.0031UJ	<0.0025UJ	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016UJ	<0.0010UJ	<0.0025UJ
2,2-Dichloropropane	NE	NE	NE	<0.0078	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063
2-Butanone	80	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025	<0.0021	<0.0045	<0.0041	<0.0025	<0.0063
2-Hexanone	NE	NE	NE	<0.0078	<0.0062	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063UJ
4-Isopropyltoluene	41.8	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
4-Methyl-2-pentanone	14	1000	500	<0.0078	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045	<0.0041	<0.0025	<0.0063UJ
Acetone	140	1000	500	<0.0078	<0.0062	<0.0058	0.0094J	0.0082	0.0171	0.0630J	0.0244J	0.014	<0.0063
Acrylonitrile	0.1	11	1.1	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063
Benzene	0.2	200	21	0.0039J	<0.00062	<0.00058	0.0015J	<0.00025	<0.00021	0.0035J	0.0037J	<0.00025	<0.00063UJ
Bromobenzene	NE	NE	NE	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
Bromodichloromethane	0.11	92	9.9	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Bromoform	0.8	720	78	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Bromomethane	2	1000	95	<0.0031UJ	<0.0025UJ	<0.0023UJ	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025
Carbondisulfide	140	1000	500	0.0213J	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045UJ	0.0046J	<0.0025	<0.0063
Carbontetrachloride	1	44	4.7	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025UJ
Chlorobenzene	20	1000	500	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Chloroethane	NE	NE	NE	<0.0078	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045	<0.0041	<0.0025	<0.0063
Chloroform	1.2	940	100	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
Chloromethane	0.54	440	47	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025	<0.0021	<0.0045	<0.0041	<0.0025	<0.0063
cis-1,2-Dichloroethene	14	1000	500	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	0.0019J	0.0037J	<0.0010	<0.0025
cis-1,3-Dichloropropene	NE	NE	NE	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
DBCP	NE	4.1	0.44	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
Dibromochloromethane	0.1	68	7.3	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Dibromomethane	NE	NE	NE	<0.0078	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063UJ
Dichlorodifluoromethane	NE	NE	NE	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
Dichloromethane	1	760	82	0.0036J	<0.0025UJ	0.0051J	0.0181J	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	0.0077J
Ethylbenzene	10.1	1000	500	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Freon 113	NE	NE	NE	<0.0078	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045	<0.0041	<0.0025	<0.0063

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Debris Area Samples						Non-Debris Area Samples			
Site ID				**SDTRENCH-03**	**SDTRENCH-04**	**SDTRENCH-05**	**SDTRENCH-06**	**SDTRENCH-12**	**SDTRENCH-13**	**EX-1**	**EX-2**	**SDTRENCH-01**	**SDTRENCH-02**
Sample Depth				**9**	**9**	**12**	**12**	**8**	**8**	**14.5**	**5.5**	**5**	**5**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/20/2011**	**5/20/2011**	**5/6/2011**	**5/6/2011**	**5/17/2011**	**5/17/2011**
Hexachlorobutadiene	1	73	7.9	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
Isopropylbenzene	132	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
m/p-xylene	NE	NE	NE	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Methyltert-butylether	20	1000	500	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
Naphthalene	56	2500	1000	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
n-Butylbenzene	14	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
n-Propylbenzene	14	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
o-Chlorotoluene	NE	NE	NE	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
o-Xylene	NE	NE	NE	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
p-Chlorotoluene	NE	NE	NE	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
sec-Butylbenzene	14	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
Styrene	20	1000	500	<0.0078	<0.0062	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063UJ
tert-Butylbenzene	14	1000	500	<0.0078UJ	<0.0062UJ	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041UJ	<0.0025UJ	<0.0063UJ
Tetrachloroethene	1	110	12	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Tetrahydrofuran	NE	NE	NE	<0.016UJ	<0.012UJ	<0.012UJ	<0.012UJ	<0.0051	<0.0042	<0.0091UJ	<0.0082	<0.0051	<0.013
Toluene	67	1000	500	<0.0078	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063UJ
trans-1,2-Dichloroethene	20	1000	500	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025
Trans-1,3-Dichloropropene	NE	NE	NE	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
trans-1,4-Dichloro-2-butene	NE	NE	NE	<0.0078	<0.0062	<0.0058UJ	<0.0062UJ	<0.0025UJ	<0.0021	<0.0045UJ	<0.0041	<0.0025	<0.0063UJ
Trichloroethene	1	520	56	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018UJ	<0.0016	<0.0010	<0.0025UJ
Trichlorofluoromethane	260	1000	500	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
Vinyl chloride	0.4	3	0.32	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
Xylene (total)	19.5	1000	500	<0.0031	<0.0025	<0.0023UJ	<0.0025UJ	<0.0010UJ	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025UJ
SVOCs (mg/kg)													
1,2,4,5-Tetrachlorobenzene	0.4	NE	20	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
1,2,4-Trichlorobenzene	14	2500	680	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
2,4,5-Trichlorophenol	140	2500	1000	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
2,4,6-Trichlorophenol	1	520	56	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
2,4-Dichlorophenol	4.2	NE	203	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
2,4-Dimethylphenol	28	2500	1000	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
2,4-Dinitrophenol	2.8	2500	140	<1.2	<1.1	<1.2	<1.2	---	---	---	---	<1.1	<1.1
2,4-Dinitrotoluene	2.8	2500	140	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
2,6-Dinitrotoluene	1.4	2000	68	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
2-Chloronapthalene	110	2500	1000	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
2-Chlorophenol	7	2500	339	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
2-Methylnaphthalene	9.8	2500	474	<0.29	<0.28	0.375	<0.29	---	---	---	---	<0.29	<0.29
2-Methylphenol	70	2500	1000	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
3,3-Dichlorobenzidine	0.33	13	1.4	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
4,6-Dinitro-o-cresol	NE	NE	NE	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
4-Bromophenylphenyl ether	82	1000	500	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
4-Chloro-3-methylphenol	NE	NE	NE	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
4-Chloroaniline	5.6	2500	270	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
4-Chlorophenylphenyl ether	82	1000	500	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
4-Methylphenol	7	2500	340	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
Acenaphthene	84	2500	1000	<0.29	<0.28	0.655	<0.29	<0.28	<0.27	0.382	1.67	<0.29	<0.29
Acenaphthylene	84	2500	1000	<0.29	<0.28	<0.3	<0.29	<0.28	<0.27	<0.28	<0.28	<0.29	<0.29
Aniline	1.2	NE	107	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Debris Area Samples						Non-Debris Area Samples			
Site ID				**SDTRENCH-03**	**SDTRENCH-04**	**SDTRENCH-05**	**SDTRENCH-06**	**SDTRENCH-12**	**SDTRENCH-13**	**EX-1**	**EX-2**	**SDTRENCH-01**	**SDTRENCH-02**
Sample Depth				**9**	**9**	**12**	**12**	**8**	**8**	**14.5**	**5.5**	**5**	**5**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/20/2011**	**5/20/2011**	**5/6/2011**	**5/6/2011**	**5/17/2011**	**5/17/2011**
Anthracene	400	2500	1000	<0.29	<0.28	0.699	<0.29	<0.28	<0.27	<0.28	1.58	<0.29	<0.29
Benzo(a)anthracene	1	7.8	1	0.425	<0.28	**{1.01}**	<0.29	<0.28	<0.27	<0.28	**{2.69}**	<0.29	<0.29
Benzo(a)pyrene	1	1	1	<0.29	<0.28	0.635	<0.29	<0.28	<0.27	<0.28	**{2.14}**	<0.29	<0.29
Benzo(b)fluoranthene	1	7.8	1	<0.29	<0.28	0.534	<0.29	<0.28	<0.27	<0.28	**{1.82}**	<0.29	<0.29
Benzo(ghi)perylene	42	2500	1000	<0.29	<0.28	<0.3	<0.29	<0.28	<0.27	<0.28	1.23	<0.29	<0.29
Benzo(k)fluoranthene	1	78	8.4	<0.29	<0.28	0.582	<0.29	<0.28	<0.27	<0.28	**{1.87}**	<0.29	<0.29
bis(2-Chloroethoxy)methane	NE	NE	NE	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Bis(2-chloroethyl)ether	2.4	5.2	1	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Bis(2-chloroisopropyl)ether	2.4	82	8.8	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Bis(2-ethylhexyl)phthalate	11	410	44	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Butyl benzyl phthalate	200	2500	1000	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Carbazole	1	290	31	<0.29	<0.28	0.352	<0.29	---	---	---	---	<0.29	<0.29
Chrysene	1	780	84	0.41	<0.28	0.868	<0.29	<0.28	<0.27	<0.28	**{2.51}**	<0.29	<0.29
Dibenzo(a,h)anthracene	1	1	1	<0.29	<0.28	<0.3	<0.29	<0.28	<0.27	<0.28	0.569	<0.29	<0.29
Dibenzofuran	5.6	2500	270	<0.29	<0.28	0.306	<0.29	---	---	---	---	<0.29	<0.29
Diethyl phthalate	1100	1000	1000	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Dimethyl phthalate	1100	1000	1000	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Di-n-butylphthalate	140	2500	1000	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Di-n-octyl phthalate	20	2500	1000	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Fluoranthene	56	2500	1000	0.977	<0.28	2.08	<0.29	<0.28	<0.27	0.388	5.99	<0.29	<0.29
Fluorene	56	2500	1000	<0.29	<0.28	0.54	<0.29	<0.28	<0.27	<0.28	1.14	<0.29	<0.29
Hexachlorobenzene	1	3.6	1	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Hexachlorobutadiene	1	73	7.9	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Hexachlorocyclopentadiene	9.8	2500	470	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
Hexachloroethane	1	410	44	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
Indeno(1,2,3-cd)pyrene	1	7.8	1	<0.29	<0.28	<0.3	<0.29	<0.28	<0.27	<0.28	**{1.26}**	<0.29	<0.29
Isophorone	7.4	2500	640	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
m-Nitroaniline	4.2	2500	200	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
Naphthalene	56	2500	1000	<0.29	<0.28	0.709	<0.29	<0.28	<0.27	8.82	1.39	<0.29	<0.29
Nitrobenzene	1	1000	34	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
N-Nitrosodiphenylamine	1.4	1200	130	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
N-Nitrosodipropylamine	1	1	1	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
o-Nitroaniline	1.65	1200	4.1	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
o-Nitrophenol	11	2500	540	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
Pentachloronitrobenzene	0.1	NE	2.4	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
Pentachlorophenol	1	48	5.1	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
Phenanthrene	40	2500	1000	0.562	<0.28	2.23	<0.29	<0.28	<0.27	0.736	5.74	<0.29	<0.29
Phenol	800	2500	1000	<0.29	<0.28	<0.3	<0.29	---	---	---	---	<0.29	<0.29
p-Nitroaniline	4.2	2500	200	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57
p-Nitrophenol	NE	NE	NE	<1.2	<1.1	<1.2	<1.2	---	---	---	---	<1.1	<1.1
Pyrene	40	2500	1000	0.908	<0.28	1.86	<0.29	<0.28	<0.27	0.37	5.01	<0.29	<0.29
Pyridine	0.14	NE	7	<0.58	<0.55	<0.59	<0.58	---	---	---	---	<0.57	<0.57

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Debris Area Samples						Non-Debris Area Samples			
Site ID				SDTRENCH-03	SDTRENCH-04	SDTRENCH-05	SDTRENCH-06	SDTRENCH-12	SDTRENCH-13	EX-1	EX-2	SDTRENCH-01	SDTRENCH-02
Sample Depth				9	9	12	12	8	8	14.5	5.5	5	5
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/20/2011**	**5/20/2011**	**5/6/2011**	**5/6/2011**	**5/17/2011**	**5/17/2011**
PCBs (mg/kg)													
Aroclor 1016	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1221	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1232	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1242	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1248	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1254	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1260	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1262	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Aroclor 1268	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCBs	NE	10	1	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
CT ETPH (mg/kg)													
ETPH	2500	2500	500	73.4	116	112	116	27.5	<18	**{588}**	358	<19	77.3
Metals (Total) (mg/kg)													
Antimony	NE	8200	27	<0.91	<0.86	<0.91	<0.90	<0.91	<0.86	9.1	5.8	<0.89	<0.86
Arsenic	NE	10	10	**{20.9}**	**{16.9}**	**{21.6}**	**{38.5}**	**{33.6}**	2.7	**{18.2}**	**{13.8}**	**{30.7}**	6.9
Beryllium	NE	2	2	0.85	0.91	0.86	1.3	0.99	<0.34	1	0.83	0.95	0.4
Cadmium	NE	1000	34	<0.36	0.49	<0.36	0.48	<0.36	<0.34	3.5	1.3	<0.36	<0.34
Chromium	NE	100	100	22.5	28.5	15.8	21.3	14.8	7.8	**{105}**	38.5	20.6	10.3
Copper	NE	76000	2500	30	36.5	30.3	24.7	20.6	9.2	876	619	21	19.6
Lead	NE	1000	400	28.1	40.7	20.6	23.5	14.1	4.4	**{549}**	302	7.6	9.9
Mercury	NE	610	20	0.11	0.1	0.097	0.1	0.065	<0.034	0.42	0.28	0.1	0.06
Nickel	NE	7500	1400	27.5	16.2	20.7	18.5	28.9	8.7	97.2	41.3	61.8	14.1
Selenium	NE	10000	340	0.98	<0.86	<0.91	1.1	<0.91	<0.86	<0.83	1.1	1	<0.86
Silver	NE	10000	340	<0.45	<0.43	<0.45	0.67	<0.46	<0.43	2.6	2	<0.45	<0.43
Thallium	NE	160	5.4	<0.91	<0.86	<0.91	<0.90	<0.91	<0.86	<0.83	<0.81	<0.89	<0.86
Vanadium	NE	14000	470	120	30.2	72.5	43.6	93.6	19.3	33.7	38	286	38.9
Zinc	NE	610000	20000	134	161	105	86.6	53	19.9	2910	1810	35.6	54.4
Metals (SPLP) (mg/l)													
Antimony	0.06	NE	NE	0.016	0.0076	0.0068	<0.0060	---	---	---	---	<0.0060	<0.0060
Arsenic	0.1	NE	NE	<0.010	0.011	0.015	0.019	---	---	---	---	0.041	0.013
Beryllium	0.04	NE	NE	<0.0040	<0.0040	<0.0040	<0.0040	---	---	---	---	<0.0040	<0.0040
Cadmium	0.05	NE	NE	<0.0040	<0.0040	<0.0040	<0.0040	---	---	---	---	<0.0040	<0.0040
Chromium	0.5	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	<0.010	<0.010
Copper	13	NE	NE	<0.025	<0.025	<0.025	<0.025	---	---	---	---	<0.025	<0.025
Lead	0.15	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	<0.010	<0.010
Mercury	0.02	NE	NE	<0.00020	<0.00020	<0.00020	<0.00020	---	---	---	---	<0.00020	<0.00020
Nickel	1	NE	NE	<0.040	<0.040	<0.040	<0.040	---	---	---	---	<0.040	<0.040
Selenium	0.5	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	<0.010	<0.010
Silver	0.36	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	<0.0050	<0.0050
Thallium	0.05	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	<0.0050	<0.0050
Vanadium	0.5	NE	NE	0.07	0.013	0.3	0.029	---	---	---	---	**{1.2}**	0.08
Zinc	50	NE	NE	<0.10	<0.10	<0.10	<0.10	---	---	---	---	<0.10	<0.10

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Debris Area Samples						Non-Debris Area Samples			
Site ID				**SDTRENCH-03**	**SDTRENCH-04**	**SDTRENCH-05**	**SDTRENCH-06**	**SDTRENCH-12**	**SDTRENCH-13**	**EX-1**	**EX-2**	**SDTRENCH-01**	**SDTRENCH-02**
Sample Depth				**9**	**9**	**12**	**12**	**8**	**8**	**14.5**	**5.5**	**5**	**5**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/20/2011**	**5/20/2011**	**5/6/2011**	**5/6/2011**	**5/17/2011**	**5/17/2011**
Metals (TCLP) (mg/l)													
Antimony	0.06	NE	NE	---	---	---	---	---	---	0.039	0.049	---	---
Arsenic	0.1	NE	NE	---	---	---	---	---	---	<0.010	<0.010	---	---
Beryllium	0.04	NE	NE	---	---	---	---	---	---	<0.0040	<0.0040	---	---
Cadmium	0.05	NE	NE	---	---	---	---	---	---	0.021	0.0094	---	---
Chromium	0.5	NE	NE	---	---	---	---	---	---	<0.010	<0.010	---	---
Copper	13	NE	NE	---	---	---	---	---	---	<0.025	<0.025	---	---
Lead	0.15	NE	NE	---	---	---	---	---	---	**{0.20}**	**{0.17}**	---	---
Mercury	0.02	NE	NE	---	---	---	---	---	---	<0.00020	<0.00020	---	---
Nickel	1	NE	NE	---	---	---	---	---	---	0.22	0.16	---	---
Selenium	0.5	NE	NE	---	---	---	---	---	---	<0.010	<0.010	---	---
Silver	0.36	NE	NE	---	---	---	---	---	---	<0.0050	<0.0050	---	---
Thallium	0.05	NE	NE	---	---	---	---	---	---	<0.0050	<0.0050	---	---
Vanadium	0.5	NE	NE	---	---	---	---	---	---	<0.010	<0.010	---	---
Zinc	50	NE	NE	---	---	---	---	---	---	8	8	---	---

Notes:
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
ResDEC = Residential Direct Exposure Criteria
{BOLD} = Result exceeds GB PMC, I/C DEC or ResDEC
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
NE = Standard not established
J = Estimated value
U = Non-detect per validation protocol
All data has been validated

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples									
Site ID				SDTRENCH-07	SDTRENCH-08	SDTRENCH-08D	SDTRENCH-09	SDTRENCH-10	SDTRENCH-11	SDTRENCH-14	SDTRENCH-15	SDTRENCH-16	SDTRENCH-16D
Sample Depth				18	18	18	3	3	3	12	12	21	21
CONSTITUENT	GB PMC	I/C DEC	ResDEC	5/17/2011	5/17/2011	5/17/2011	5/19/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	0.2	220	24	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023UJ	<0.0022	<0.0027	<0.0032	<0.0033
1,1,1-Trichloroethane	40	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
1,1,2,2-Tetrachloroethane	0.1	29	3.1	<0.0028	<0.0022	<0.0027	<0.0025UJ	<0.0010UJ	<0.00092UJ	<0.00087UJ	<0.0011	<0.0013	<0.0013
1,1,2-Trichloroethane	1	100	11	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
1,1-Dichloroethane	14	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
1,1-Dichloroethene	1.4	9.5	1	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
1,1-Dichloropropene	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
1,2,3-Trichlorobenzene	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
1,2,3-Trichloropropane	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
1,2,4-Trichlorobenzene	14	2500	680	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
1,2,4-Trimethylbenzene	70	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
1,2-Dibromoethane (EDB)	0.1	0.067	0.007	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
1,2-Dichlorobenzene	3.1	1000	500	<0.0028	<0.0022	<0.0027	<0.0025UJ	<0.0010UJ	<0.00092UJ	<0.00087UJ	<0.0011	<0.0013	<0.0013
1,2-Dichloroethane	0.2	63	6.7	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
1,2-Dichloropropane	1	84	9	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
1,3,5-Trimethylbenzene	70	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
1,3-Dichlorobenzene	120	1000	500	<0.0028	<0.0022	<0.0027	<0.0025UJ	<0.0010UJ	<0.00092UJ	<0.00087UJ	<0.0011	<0.0013	<0.0013
1,3-Dichloropropane	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023UJ	<0.0022	<0.0027	<0.0032	<0.0033
1,4-Dichlorobenzene	15	240	26	<0.0028	<0.0022	<0.0027	<0.0025UJ	<0.0010UJ	<0.00092UJ	<0.00087UJ	<0.0011	<0.0013	<0.0013
2,2-Dichloropropane	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
2-Butanone	80	1000	500	<0.0070UJ	<0.0055UJ	<0.0066UJ	<0.0062UJ	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
2-Hexanone	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023UJ	<0.0022	<0.0027	<0.0032	<0.0033
4-Isopropyltoluene	41.8	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
4-Methyl-2-pentanone	14	1000	500	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
Acetone	140	1000	500	<0.0070	0.0143	0.0112	<0.0062	<0.0025	0.0111	0.0116J	0.0525	0.0487	0.0682
Acrylonitrile	0.1	11	1.1	<0.0070UJ	<0.0055UJ	<0.0066UJ	<0.0062UJ	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
Benzene	0.2	200	21	<0.00070	<0.00055	<0.00066	<0.00062	<0.00025UJ	<0.00023	0.00069J	0.00044	<0.00032	<0.00033
Bromobenzene	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
Bromodichloromethane	0.11	92	9.9	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Bromoform	0.8	720	78	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
Bromomethane	2	1000	95	<0.0028UJ	<0.0022UJ	<0.0027UJ	<0.0025UJ	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Carbondisulfide	140	1000	500	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
Carbontetrachloride	1	44	4.7	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Chlorobenzene	20	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
Chloroethane	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
Chloroform	1.2	940	100	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Chloromethane	0.54	440	47	<0.0070UJ	<0.0055UJ	<0.0066UJ	<0.0062UJ	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
cis-1,2-Dichloroethene	14	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
cis-1,3-Dichloropropene	NE	NE	NE	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
DBCP	NE	4.1	0.44	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
Dibromochloromethane	0.1	68	7.3	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
Dibromomethane	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
Dichlorodifluoromethane	NE	NE	NE	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Dichloromethane	1	760	82	<0.0028UJ	<0.0022UJ	<0.0027UJ	<0.0025UJ	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Ethylbenzene	10.1	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
Freon 113	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples									
Site ID				**SDTRENCH-07**	**SDTRENCH-08**	**SDTRENCH-08D**	**SDTRENCH-09**	**SDTRENCH-10**	**SDTRENCH-11**	**SDTRENCH-14**	**SDTRENCH-15**	**SDTRENCH-16**	**SDTRENCH-16D**
Sample Depth				**18**	**18**	**18**	**3**	**3**	**3**	**12**	**12**	**21**	**21**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/19/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**
Hexachlorobutadiene	1	73	7.9	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
Isopropylbenzene	132	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
m/p-xylene	NE	NE	NE	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
Methyltert-butylether	20	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Naphthalene	56	2500	1000	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
n-Butylbenzene	14	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
n-Propylbenzene	14	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
o-Chlorotoluene	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
o-Xylene	NE	NE	NE	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
p-Chlorotoluene	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
sec-Butylbenzene	14	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
Styrene	20	1000	500	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023UJ	<0.0022	<0.0027	<0.0032	<0.0033
tert-Butylbenzene	14	1000	500	<0.0070	<0.0055	<0.0066	<0.0062UJ	<0.0025UJ	<0.0023UJ	<0.0022UJ	<0.0027	<0.0032	<0.0033
Tetrachloroethene	1	110	12	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
Tetrahydrofuran	NE	NE	NE	<0.014UJ	<0.011UJ	<0.013UJ	<0.012UJ	<0.0050	<0.0046	<0.0043	<0.0054	<0.0064	<0.0065
Toluene	67	1000	500	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
trans-1,2-Dichloroethene	20	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Trans-1,3-Dichloropropene	NE	NE	NE	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
trans-1,4-Dichloro-2-butene	NE	NE	NE	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025UJ	<0.0023UJ	<0.0022	<0.0027	<0.0032	<0.0033
Trichloroethene	1	520	56	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Trichlorofluoromethane	260	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Vinyl chloride	0.4	3	0.32	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Xylene (total)	19.5	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010UJ	<0.00092UJ	<0.00087	<0.0011	<0.0013	<0.0013
SVOCs (mg/kg)													
1,2,4,5-Tetrachlorobenzene	0.4	NE	20	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
1,2,4-Trichlorobenzene	14	2500	680	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
2,4,5-Trichlorophenol	140	2500	1000	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
2,4,6-Trichlorophenol	1	520	56	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
2,4-Dichlorophenol	4.2	NE	203	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
2,4-Dimethylphenol	28	2500	1000	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
2,4-Dinitrophenol	2.8	2500	140	<1.1	<1.1	<1.1	<1.1	---	---	---	---	---	---
2,4-Dinitrotoluene	2.8	2500	140	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
2,6-Dinitrotoluene	1.4	2000	68	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
2-Chloronapthalene	110	2500	1000	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
2-Chlorophenol	7	2500	339	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
2-Methylnaphthalene	9.8	2500	474	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
2-Methylphenol	70	2500	1000	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
3,3-Dichlorobenzidine	0.33	13	1.4	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
4,6-Dinitro-o-cresol	NE	NE	NE	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
4-Bromophenylphenyl ether	82	1000	500	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
4-Chloro-3-methylphenol	NE	NE	NE	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
4-Chloroaniline	5.6	2500	270	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
4-Chlorophenylphenyl ether	82	1000	500	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
4-Methylphenol	7	2500	340	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
Acenaphthene	84	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Acenaphthylene	84	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Aniline	1.2	NE	107	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples									
Site ID				**SDTRENCH-07**	**SDTRENCH-08**	**SDTRENCH-08D**	**SDTRENCH-09**	**SDTRENCH-10**	**SDTRENCH-11**	**SDTRENCH-14**	**SDTRENCH-15**	**SDTRENCH-16**	**SDTRENCH-16D**
Sample Depth				**18**	**18**	**18**	**3**	**3**	**3**	**12**	**12**	**21**	**21**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/19/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**
Anthracene	400	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Benzo(a)anthracene	1	7.8	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.422	0.576	<0.29	<0.29
Benzo(a)pyrene	1	1	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.354	0.462	<0.29	<0.29
Benzo(b)fluoranthene	1	7.8	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.296	0.408	<0.29	<0.29
Benzo(ghi)perylene	42	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Benzo(k)fluoranthene	1	78	8.4	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.309	0.372	<0.29	<0.29
bis(2-Chloroethoxy)methane	NE	NE	NE	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Bis(2-chloroethyl)ether	2.4	5.2	1	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Bis(2-chloroisopropyl)ether	2.4	82	8.8	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	11	410	44	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Butyl benzyl phthalate	200	2500	1000	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Carbazole	1	290	31	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Chrysene	1	780	84	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.436	0.549	<0.29	<0.29
Dibenzo(a,h)anthracene	1	1	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Dibenzofuran	5.6	2500	270	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Diethyl phthalate	1100	1000	1000	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Dimethyl phthalate	1100	1000	1000	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Di-n-butylphthalate	140	2500	1000	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Di-n-octyl phthalate	20	2500	1000	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Fluoranthene	56	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.732	1.23	<0.29	<0.29
Fluorene	56	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Hexachlorobenzene	1	3.6	1	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Hexachlorobutadiene	1	73	7.9	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Hexachlorocyclopentadiene	9.8	2500	470	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
Hexachloroethane	1	410	44	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	1	7.8	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Isophorone	7.4	2500	640	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
m-Nitroaniline	4.2	2500	200	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
Naphthalene	56	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Nitrobenzene	1	1000	34	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
N-Nitrosodiphenylamine	1.4	1200	130	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
N-Nitrosodipropylamine	1	1	1	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
o-Nitroaniline	1.65	1200	4.1	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
o-Nitrophenol	11	2500	540	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
Pentachloronitrobenzene	0.1	NE	2.4	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
Pentachlorophenol	1	48	5.1	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
Phenanthrene	40	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.569	0.861	<0.29	<0.29
Phenol	800	2500	1000	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
p-Nitroaniline	4.2	2500	200	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---
p-Nitrophenol	NE	NE	NE	<1.1	<1.1	<1.1	<1.1	---	---	---	---	---	---
Pyrene	40	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.628	1.06	<0.29	<0.29
Pyridine	0.14	NE	7	<0.56	<0.56	<0.57	<0.54	---	---	---	---	---	---

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				Non-Debris Area Samples									
Site ID				SDTRENCH-07	SDTRENCH-08	SDTRENCH-08D	SDTRENCH-09	SDTRENCH-10	SDTRENCH-11	SDTRENCH-14	SDTRENCH-15	SDTRENCH-16	SDTRENCH-16D
Sample Depth				18	18	18	3	3	3	12	12	21	21
CONSTITUENT	GB PMC	I/C DEC	ResDEC	5/17/2011	5/17/2011	5/17/2011	5/19/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
PCBs (mg/kg)													
Aroclor 1016	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
Aroclor 1221	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
Aroclor 1232	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
Aroclor 1242	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
Aroclor 1248	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
Aroclor 1254	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
Aroclor 1260	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	0.139	<0.12	<0.11	<0.11
Aroclor 1262	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
Aroclor 1268	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.11
PCBs	NE	10	1	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	0.14	<0.12	<0.11	<0.11
CT ETPH (mg/kg)													
ETPH	2500	2500	500	<18	<19	<19	<17	24.4	21	252	232	<19	<19
Metals (Total) (mg/kg)													
Antimony	NE	8200	27	<0.90	<0.88	<0.90UJ	<0.87	<0.92	<0.92	5.2	1.6	<1.8	<1.8
Arsenic	NE	10	10	3.6	2.3	2.3	**{15.3}**	**{50.7}**	**{15.8}**	**{18.7}**	**{13.8}**	2.6	2.5
Beryllium	NE	2	2	0.83	0.92	0.95	0.63	1.3	0.73	0.94	0.55	2	**{2.1}**
Cadmium	NE	1000	34	<0.36	<0.35	<0.36	<0.35	0.49	<0.37	1.7	0.43	<0.72	<0.72
Chromium	NE	100	100	11.1	10.6	10.7	17.3	17.6	11.2	37.2	16.5	11.4	11.7
Copper	NE	76000	2500	13.1	12.1	11.9	21	26.5	14.4	223	99.5	17.5	16.5
Lead	NE	1000	400	11.8	5	5.5J	6.9	12.7	11.1	261	84.7	5.5	5.9
Mercury	NE	610	20	0.056	0.042	0.036	0.051	0.1	<0.034	0.58	0.16	<0.035	<0.037
Nickel	NE	7500	1400	13.9	14.2	14.2	36.3	22.5	17.6	39.1	17.9	31.4	32
Selenium	NE	10000	340	<0.90	<0.88	<0.90	<0.87	1.2	<0.92	<0.92	<0.94	<1.8	<1.8
Silver	NE	10000	340	<0.45	<0.44	<0.45	<0.44	<0.46	<0.46	2.2	<0.47	<0.90	<0.90
Thallium	NE	160	5.4	<0.90	<0.88	<0.90	<0.87	<0.92	<0.92	<0.92	<0.94	<1.8	<1.8
Vanadium	NE	14000	470	26.1	21.5	21.7	151	67.9	41.9	26.6	19	24.5	24
Zinc	NE	610000	20000	49.9	31	32.8	33.6	45.6	45.4	1280	454	50.2	51.2
Metals (SPLP) (mg/l)													
Antimony	0.06	NE	NE	<0.0060	<0.0060	<0.0060	<0.0060	---	---	---	---	---	---
Arsenic	0.1	NE	NE	<0.010	<0.010	<0.010	0.028	---	---	---	---	---	---
Beryllium	0.04	NE	NE	<0.0040	<0.0040	<0.0040	<0.0040	---	---	---	---	---	---
Cadmium	0.05	NE	NE	<0.0040	<0.0040	<0.0040	<0.0040	---	---	---	---	---	---
Chromium	0.5	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Copper	13	NE	NE	<0.025	<0.025	<0.025	<0.025	---	---	---	---	---	---
Lead	0.15	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Mercury	0.02	NE	NE	<0.00020	<0.00020	<0.00020	<0.00020	---	---	---	---	---	---
Nickel	1	NE	NE	<0.040	<0.040	<0.040	<0.040	---	---	---	---	---	---
Selenium	0.5	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Silver	0.36	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
Thallium	0.05	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
Vanadium	0.5	NE	NE	0.026	0.016	<0.010	**{0.67}**	---	---	---	---	---	---
Zinc	50	NE	NE	<0.10	<0.10	<0.10	<0.10	---	---	---	---	---	---

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples									
Site ID				**SDTRENCH-07**	**SDTRENCH-08**	**SDTRENCH-08D**	**SDTRENCH-09**	**SDTRENCH-10**	**SDTRENCH-11**	**SDTRENCH-14**	**SDTRENCH-15**	**SDTRENCH-16**	**SDTRENCH-16D**
Sample Depth				**18**	**18**	**18**	**3**	**3**	**3**	**12**	**12**	**21**	**21**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/19/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**
Metals (TCLP) (mg/l)													
Antimony	0.06	NE	NE	---	---	---	---	---	---	---	---	---	---
Arsenic	0.1	NE	NE	---	---	---	---	---	---	---	---	---	---
Beryllium	0.04	NE	NE	---	---	---	---	---	---	---	---	---	---
Cadmium	0.05	NE	NE	---	---	---	---	---	---	---	---	---	---
Chromium	0.5	NE	NE	---	---	---	---	---	---	---	---	---	---
Copper	13	NE	NE	---	---	---	---	---	---	---	---	---	---
Lead	0.15	NE	NE	---	---	---	---	---	---	---	---	---	---
Mercury	0.02	NE	NE	---	---	---	---	---	---	---	---	---	---
Nickel	1	NE	NE	---	---	---	---	---	---	---	---	---	---
Selenium	0.5	NE	NE	---	---	---	---	---	---	---	---	---	---
Silver	0.36	NE	NE	---	---	---	---	---	---	---	---	---	---
Thallium	0.05	NE	NE	---	---	---	---	---	---	---	---	---	---
Vanadium	0.5	NE	NE	---	---	---	---	---	---	---	---	---	---
Zinc	50	NE	NE	---	---	---	---	---	---	---	---	---	---

Notes:
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
ResDEC = Residential Direct Exposure Criteria
{BOLD} = Result exceeds GB PMC, I/C DEC or ResDEC
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
NE = Standard not established
J = Estimated value
U = Non-detect per validation protocol
All data has been validated

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

Site ID Sample Depth CONSTITUENT	GB PMC	I/C DEC	ResDEC	Non-Debris Area Samples SDTRENCH-17 21 5/20/2011	SDTRENCH-18 3 5/23/2011	SDTRENCH-19 3 5/23/2011	SDTRENCH-20 7 5/23/2011	SDTRENCH-21 7 5/23/2011	SDTRENCH-22 18 5/23/2011
VOCs (mg/kg)									
1,1,1,2-Tetrachloroethane	0.2	220	24	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
1,1,1-Trichloroethane	40	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
1,1,2,2-Tetrachloroethane	0.1	29	3.1	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011UJ
1,1,2-Trichloroethane	1	100	11	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
1,1-Dichloroethane	14	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
1,1-Dichloroethene	1.4	9.5	1	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
1,1-Dichloropropene	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
1,2,3-Trichlorobenzene	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
1,2,3-Trichloropropane	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
1,2,4-Trichlorobenzene	14	2500	680	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
1,2,4-Trimethylbenzene	70	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
1,2-Dibromoethane (EDB)	0.1	0.067	0.007	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
1,2-Dichlorobenzene	3.1	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011UJ
1,2-Dichloroethane	0.2	63	6.7	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
1,2-Dichloropropane	1	84	9	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
1,3,5-Trimethylbenzene	70	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
1,3-Dichlorobenzene	120	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011UJ
1,3-Dichloropropane	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
1,4-Dichlorobenzene	15	240	26	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011UJ
2,2-Dichloropropane	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
2-Butanone	80	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
2-Hexanone	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
4-Isopropyltoluene	41.8	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
4-Methyl-2-pentanone	14	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
Acetone	140	1000	500	0.0629	<0.0022	0.0106J	<0.0036UJ	0.0028J	<0.0027
Acrylonitrile	0.1	11	1.1	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
Benzene	0.2	200	21	<0.00033	0.0034J	<0.00029UJ	<0.00036UJ	<0.00027UJ	<0.00027
Bromobenzene	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
Bromodichloromethane	0.11	92	9.9	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Bromoform	0.8	720	78	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Bromomethane	2	1000	95	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Carbondisulfide	140	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
Carbontetrachloride	1	44	4.7	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Chlorobenzene	20	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Chloroethane	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
Chloroform	1.2	940	100	<0.0013	<0.00087	<0.0012UJ	0.0016J	<0.0011UJ	<0.0011
Chloromethane	0.54	440	47	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
cis-1,2-Dichloroethene	14	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
cis-1,3-Dichloropropene	NE	NE	NE	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
DBCP	NE	4.1	0.44	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
Dibromochloromethane	0.1	68	7.3	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Dibromomethane	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
Dichlorodifluoromethane	NE	NE	NE	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Dichloromethane	1	760	82	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Ethylbenzene	10.1	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Freon 113	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples					
Site ID				**SDTRENCH-17**	**SDTRENCH-18**	**SDTRENCH-19**	**SDTRENCH-20**	**SDTRENCH-21**	**SDTRENCH-22**
Sample Depth				**21**	**3**	**3**	**7**	**7**	**18**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/20/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**
Hexachlorobutadiene	1	73	7.9	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
Isopropylbenzene	132	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
m/p-xylene	NE	NE	NE	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Methyltert-butylether	20	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Naphthalene	56	2500	1000	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
n-Butylbenzene	14	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
n-Propylbenzene	14	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
o-Chlorotoluene	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
o-Xylene	NE	NE	NE	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
p-Chlorotoluene	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
sec-Butylbenzene	14	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
Styrene	20	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
tert-Butylbenzene	14	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027UJ
Tetrachloroethene	1	110	12	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Tetrahydrofuran	NE	NE	NE	<0.0065	<0.0043	<0.0059UJ	<0.0073UJ	<0.0054UJ	<0.0055
Toluene	67	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
trans-1,2-Dichloroethene	20	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Trans-1,3-Dichloropropene	NE	NE	NE	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
trans-1,4-Dichloro-2-butene	NE	NE	NE	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
Trichloroethene	1	520	56	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Trichlorofluoromethane	260	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Vinyl chloride	0.4	3	0.32	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Xylene (total)	19.5	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
SVOCs (mg/kg)									
1,2,4,5-Tetrachlorobenzene	0.4	NE	20	---	---	---	---	---	---
1,2,4-Trichlorobenzene	14	2500	680	---	---	---	---	---	---
2,4,5-Trichlorophenol	140	2500	1000	---	---	---	---	---	---
2,4,6-Trichlorophenol	1	520	56	---	---	---	---	---	---
2,4-Dichlorophenol	4.2	NE	203	---	---	---	---	---	---
2,4-Dimethylphenol	28	2500	1000	---	---	---	---	---	---
2,4-Dinitrophenol	2.8	2500	140	---	---	---	---	---	---
2,4-Dinitrotoluene	2.8	2500	140	---	---	---	---	---	---
2,6-Dinitrotoluene	1.4	2000	68	---	---	---	---	---	---
2-Chloronapthalene	110	2500	1000	---	---	---	---	---	---
2-Chlorophenol	7	2500	339	---	---	---	---	---	---
2-Methylnaphthalene	9.8	2500	474	---	---	---	---	---	---
2-Methylphenol	70	2500	1000	---	---	---	---	---	---
3,3-Dichlorobenzidine	0.33	13	1.4	---	---	---	---	---	---
4,6-Dinitro-o-cresol	NE	NE	NE	---	---	---	---	---	---
4-Bromophenylphenyl ether	82	1000	500	---	---	---	---	---	---
4-Chloro-3-methylphenol	NE	NE	NE	---	---	---	---	---	---
4-Chloroaniline	5.6	2500	270	---	---	---	---	---	---
4-Chlorophenylphenyl ether	82	1000	500	---	---	---	---	---	---
4-Methylphenol	7	2500	340	---	---	---	---	---	---
Acenaphthene	84	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Acenaphthylene	84	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Aniline	1.2	NE	107	---	---	---	---	---	---

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples					
Site ID				**SDTRENCH-17**	**SDTRENCH-18**	**SDTRENCH-19**	**SDTRENCH-20**	**SDTRENCH-21**	**SDTRENCH-22**
Sample Depth				**21**	**3**	**3**	**7**	**7**	**18**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/20/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**
Anthracene	400	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Benzo(a)anthracene	1	7.8	1	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Benzo(a)pyrene	1	1	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Benzo(b)fluoranthene	1	7.8	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Benzo(ghi)perylene	42	2500	1000	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Benzo(k)fluoranthene	1	78	8.4	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
bis(2-Chloroethoxy)methane	NE	NE	NE	---	---	---	---	---	---
Bis(2-chloroethyl)ether	2.4	5.2	1	---	---	---	---	---	---
Bis(2-chloroisopropyl)ether	2.4	82	8.8	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	11	410	44	---	---	---	---	---	---
Butyl benzyl phthalate	200	2500	1000	---	---	---	---	---	---
Carbazole	1	290	31	---	---	---	---	---	---
Chrysene	1	780	84	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Dibenzo(a,h)anthracene	1	1	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Dibenzofuran	5.6	2500	270	---	---	---	---	---	---
Diethyl phthalate	1100	1000	1000	---	---	---	---	---	---
Dimethyl phthalate	1100	1000	1000	---	---	---	---	---	---
Di-n-butylphthalate	140	2500	1000	---	---	---	---	---	---
Di-n-octyl phthalate	20	2500	1000	---	---	---	---	---	---
Fluoranthene	56	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Fluorene	56	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Hexachlorobenzene	1	3.6	1	---	---	---	---	---	---
Hexachlorobutadiene	1	73	7.9	---	---	---	---	---	---
Hexachlorocyclopentadiene	9.8	2500	470	---	---	---	---	---	---
Hexachloroethane	1	410	44	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	1	7.8	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Isophorone	7.4	2500	640	---	---	---	---	---	---
m-Nitroaniline	4.2	2500	200	---	---	---	---	---	---
Naphthalene	56	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Nitrobenzene	1	1000	34	---	---	---	---	---	---
N-Nitrosodiphenylamine	1.4	1200	130	---	---	---	---	---	---
N-Nitrosodipropylamine	1	1	1	---	---	---	---	---	---
o-Nitroaniline	1.65	1200	4.1	---	---	---	---	---	---
o-Nitrophenol	11	2500	540	---	---	---	---	---	---
Pentachloronitrobenzene	0.1	NE	2.4	---	---	---	---	---	---
Pentachlorophenol	1	48	5.1	---	---	---	---	---	---
Phenanthrene	40	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Phenol	800	2500	1000	---	---	---	---	---	---
p-Nitroaniline	4.2	2500	200	---	---	---	---	---	---
p-Nitrophenol	NE	NE	NE	---	---	---	---	---	---
Pyrene	40	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Pyridine	0.14	NE	7	---	---	---	---	---	---

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

Site ID Sample Depth CONSTITUENT	GB PMC	I/C DEC	ResDEC	Non-Debris Area Samples					
				SDTRENCH-17 21 5/20/2011	SDTRENCH-18 3 5/23/2011	SDTRENCH-19 3 5/23/2011	SDTRENCH-20 7 5/23/2011	SDTRENCH-21 7 5/23/2011	SDTRENCH-22 18 5/23/2011
PCBs (mg/kg)									
Aroclor 1016	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1221	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1232	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1242	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1248	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1254	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1260	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1262	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
Aroclor 1268	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
PCBs	NE	10	1	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
CT ETPH (mg/kg)									
ETPH	2500	2500	500	<19	<18	102	214J	129	52.1
Metals (Total) (mg/kg)									
Antimony	NE	8200	27	<1.8UJ	<0.88	<0.88	<0.99	<0.94	<0.84
Arsenic	NE	10	10	2.6	**{28.6}**	**{71.4}**	**{87.3}**	**{48.2}**	8.4
Beryllium	NE	2	2	**{2.1}**	0.68	1.5	**{2.4}**	1.2	0.59
Cadmium	NE	1000	34	<0.73	<0.35	0.46	0.87	0.4	<0.33
Chromium	NE	100	100	11.8	13.7	91.7	27.4	18.4	15
Copper	NE	76000	2500	16.9	14.8	37.1	26.1	20.6	20.5
Lead	NE	1000	400	5.5	6.7	13	13	9.6	6.6
Mercury	NE	610	20	<0.035	0.037	0.11	0.19	0.083	<0.032
Nickel	NE	7500	1400	31.9	16.7	146	26.2	37.2	17.9
Selenium	NE	10000	340	<1.8	<0.88	2.4	2.1	1.1	<0.84
Silver	NE	10000	340	<0.91	<0.44	<0.44	<0.49	<0.47	<0.42
Thallium	NE	160	5.4	<1.8	<0.88	1	1.7	<0.94	<0.84
Vanadium	NE	14000	470	24.1	70.5	**{746}**	74.6	133	34.6
Zinc	NE	610000	20000	50.2	24.7	37.9	36	30	32.8
Metals (SPLP) (mg/l)									
Antimony	0.06	NE	NE	---	---	<0.0060	---	<0.0060	---
Arsenic	0.1	NE	NE	---	---	0.064	---	0.044	---
Beryllium	0.04	NE	NE	---	---	<0.0040	---	<0.0040	---
Cadmium	0.05	NE	NE	---	---	<0.0040	---	<0.0040	---
Chromium	0.5	NE	NE	---	---	0.012	---	<0.010	---
Copper	13	NE	NE	---	---	<0.025	---	<0.025	---
Lead	0.15	NE	NE	---	---	<0.010	---	<0.010	---
Mercury	0.02	NE	NE	---	---	<0.00020	---	<0.00020	---
Nickel	1	NE	NE	---	---	0.05	---	<0.040	---
Selenium	0.5	NE	NE	---	---	<0.010	---	<0.010	---
Silver	0.36	NE	NE	---	---	<0.0050	---	<0.0050	---
Thallium	0.05	NE	NE	---	---	<0.0050	---	<0.0050	---
Vanadium	0.5	NE	NE	---	---	**{1.6}**	---	0.37	---
Zinc	50	NE	NE	---	---	<0.10	---	<0.10	---

Table 1
Soil Analytical Results - Storm Drain Trench
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples					
Site ID				**SDTRENCH-17**	**SDTRENCH-18**	**SDTRENCH-19**	**SDTRENCH-20**	**SDTRENCH-21**	**SDTRENCH-22**
Sample Depth				**21**	**3**	**3**	**7**	**7**	**18**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/20/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**
Metals (TCLP) (mg/l)									
Antimony	0.06	NE	NE	---	---	---	---	---	---
Arsenic	0.1	NE	NE	---	---	---	---	---	---
Beryllium	0.04	NE	NE	---	---	---	---	---	---
Cadmium	0.05	NE	NE	---	---	---	---	---	---
Chromium	0.5	NE	NE	---	---	---	---	---	---
Copper	13	NE	NE	---	---	---	---	---	---
Lead	0.15	NE	NE	---	---	---	---	---	---
Mercury	0.02	NE	NE	---	---	---	---	---	---
Nickel	1	NE	NE	---	---	---	---	---	---
Selenium	0.5	NE	NE	---	---	---	---	---	---
Silver	0.36	NE	NE	---	---	---	---	---	---
Thallium	0.05	NE	NE	---	---	---	---	---	---
Vanadium	0.5	NE	NE	---	---	---	---	---	---
Zinc	50	NE	NE	---	---	---	---	---	---

Notes:
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
ResDEC = Residential Direct Exposure Criteria
{BOLD} = Result exceeds GB PMC, I/C DEC or ResDEC
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
NE = Standard not established
J = Estimated value
U = Non-detect per validation protocol
All data has been validated

Table 2
Soil Analytical Results - Storm Drain Trench - Detects Only
Middletown Power LLC
Middletown, CT

				Debris Area Samples						Non-Debris Area Samples			
Site ID				SDTRENCH-03	SDTRENCH-04	SDTRENCH-05	SDTRENCH-06	SDTRENCH-12	SDTRENCH-13	EX-1	EX-2	SDTRENCH-01	SDTRENCH-02
Sample Depth				9	9	12	12	8	8	14.5	5.5	5	5
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/20/2011**	**5/20/2011**	**5/6/2011**	**5/6/2011**	**5/17/2011**	**5/17/2011**
VOCs (mg/kg)													
Acetone	140	1000	500	<0.0078	<0.0062	<0.0058	0.0094J	0.0082	0.0171	0.0630J	0.0244J	0.014	<0.0063
Benzene	0.2	200	21	0.0039J	<0.00062	<0.00058	0.0015J	<0.00025	<0.00021	0.0035J	0.0037J	<0.00025	<0.00063UJ
Carbondisulfide	140	1000	500	0.0213J	<0.0062	<0.0058	<0.0062UJ	<0.0025	<0.0021	<0.0045UJ	0.0046J	<0.0025	<0.0063
Chloroform	1.2	940	100	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	<0.0025
cis-1,2-Dichloroethene	14	1000	500	<0.0031	<0.0025	<0.0023	<0.0025UJ	<0.0010	<0.00084	0.0019J	0.0037J	<0.0010	<0.0025
Dichloromethane	1	760	82	0.0036J	<0.0025UJ	0.0051J	0.0181J	<0.0010	<0.00084	<0.0018	<0.0016	<0.0010	0.0077J
SVOCs (mg/kg)													
2-Methylnaphthalene	9.8	2500	474	<0.29	<0.28	0.375	<0.29	---	---	---	---	<0.29	<0.29
Acenaphthene	84	2500	1000	<0.29	<0.28	0.655	<0.29	<0.28	<0.27	0.382	1.67	<0.29	<0.29
Anthracene	400	2500	1000	<0.29	<0.28	0.699	<0.29	<0.28	<0.27	<0.28	1.58	<0.29	<0.29
Benzo(a)anthracene	1	7.8	1	0.425	<0.28	**{1.01}**	<0.29	<0.28	<0.27	<0.28	**{2.69}**	<0.29	<0.29
Benzo(a)pyrene	1	1	1	<0.29	<0.28	0.635	<0.29	<0.28	<0.27	<0.28	**{2.14}**	<0.29	<0.29
Benzo(b)fluoranthene	1	7.8	1	<0.29	<0.28	0.534	<0.29	<0.28	<0.27	<0.28	**{1.82}**	<0.29	<0.29
Benzo(ghi)perylene	42	2500	1000	<0.29	<0.28	<0.3	<0.29	<0.28	<0.27	<0.28	1.23	<0.29	<0.29
Benzo(k)fluoranthene	1	78	8.4	<0.29	<0.28	0.582	<0.29	<0.28	<0.27	<0.28	**{1.87}**	<0.29	<0.29
Carbazole	1	290	31	<0.29	<0.28	0.352	<0.29	---	---	---	---	<0.29	<0.29
Chrysene	1	780	84	0.41	<0.28	0.868	<0.29	<0.28	<0.27	<0.28	**{2.51}**	<0.29	<0.29
Dibenzo(a,h)anthracene	1	1	1	<0.29	<0.28	<0.3	<0.29	<0.28	<0.27	<0.28	0.569	<0.29	<0.29
Dibenzofuran	5.6	2500	270	<0.29	<0.28	0.306	<0.29	---	---	---	---	<0.29	<0.29
Fluoranthene	56	2500	1000	0.977	<0.28	2.08	<0.29	<0.28	<0.27	0.388	5.99	<0.29	<0.29
Fluorene	56	2500	1000	<0.29	<0.28	0.54	<0.29	<0.28	<0.27	<0.28	1.14	<0.29	<0.29
Indeno(1,2,3-cd)pyrene	1	7.8	1	<0.29	<0.28	<0.3	<0.29	<0.28	<0.27	<0.28	**{1.26}**	<0.29	<0.29
Naphthalene	56	2500	1000	<0.29	<0.28	0.709	<0.29	<0.28	<0.27	8.82	1.39	<0.29	<0.29
Phenanthrene	40	2500	1000	0.562	<0.28	2.23	<0.29	<0.28	<0.27	0.736	5.74	<0.29	<0.29
Pyrene	40	2500	1000	0.908	<0.28	1.86	<0.29	<0.28	<0.27	0.37	5.01	<0.29	<0.29
PCBs (mg/kg)													
Aroclor 1260	NE	NE	NE	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCBs	NE	10	1	<0.12	<0.11	<0.12	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
CT ETPH (mg/kg)													
ETPH	2500	2500	500	73.4	116	112	116	27.5	<18	**{588}**	358	<19	77.3
Metals (Total) (mg/kg)													
Antimony	NE	8200	27	<0.91	<0.86	<0.91	<0.90	<0.91	<0.86	9.1	5.8	<0.89	<0.86
Arsenic	NE	10	10	**{20.9}**	**{16.9}**	**{21.6}**	**{38.5}**	**{33.6}**	2.7	**{18.2}**	**{13.8}**	**{30.7}**	6.9
Beryllium	NE	2	2	0.85	0.91	0.86	1.3	0.99	<0.34	1	0.83	0.95	0.4
Cadmium	NE	1000	34	<0.36	0.49	<0.36	0.48	<0.36	<0.34	3.5	1.3	<0.36	<0.34
Chromium	NE	100	100	22.5	28.5	15.8	21.3	14.8	7.8	**{105}**	38.5	20.6	10.3
Copper	NE	76000	2500	30	36.5	30.3	24.7	20.6	9.2	876	619	21	19.6
Lead	NE	1000	400	28.1	40.7	20.6	23.5	14.1	4.4	**{549}**	302	7.6	9.9
Mercury	NE	610	20	0.11	0.1	0.097	0.1	0.065	<0.034	0.42	0.28	0.1	0.06
Nickel	NE	7500	1400	27.5	16.2	20.7	18.5	28.9	8.7	97.2	41.3	61.8	14.1
Selenium	NE	10000	340	0.98	<0.86	<0.91	1.1	<0.91	<0.86	<0.83	1.1	1	<0.86
Silver	NE	10000	340	<0.45	<0.43	<0.45	0.67	<0.46	<0.43	2.6	2	<0.45	<0.43
Thallium	NE	160	5.4	<0.91	<0.86	<0.91	<0.90	<0.91	<0.86	<0.83	<0.81	<0.89	<0.86
Vanadium	NE	14000	470	120	30.2	72.5	43.6	93.6	19.3	33.7	38	286	38.9
Zinc	NE	610000	20000	134	161	105	86.6	53	19.9	2910	1810	35.6	54.4
Metals (SPLP) (mg/l)													

Table 2
Soil Analytical Results - Storm Drain Trench - Detects Only
Middletown Power LLC
Middletown, CT

				Debris Area Samples						Non-Debris Area Samples			
Site ID				**SDTRENCH-03**	**SDTRENCH-04**	**SDTRENCH-05**	**SDTRENCH-06**	**SDTRENCH-12**	**SDTRENCH-13**	**EX-1**	**EX-2**	**SDTRENCH-01**	**SDTRENCH-02**
Sample Depth				**9**	**9**	**12**	**12**	**8**	**8**	**14.5**	**5.5**	**5**	**5**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/20/2011**	**5/20/2011**	**5/6/2011**	**5/6/2011**	**5/17/2011**	**5/17/2011**
Antimony	0.06	NE	NE	0.016	0.0076	0.0068	<0.0060	---	---	---	---	<0.0060	<0.0060
Arsenic	0.1	NE	NE	<0.010	0.011	0.015	0.019	---	---	---	---	0.041	0.013
Chromium	0.5	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	<0.010	<0.010
Nickel	1	NE	NE	<0.040	<0.040	<0.040	<0.040	---	---	---	---	<0.040	<0.040
Vanadium	0.5	NE	NE	0.07	0.013	0.3	0.029	---	---	---	---	**{1.2}**	0.08
Metals (TCLP) (mg/l)													
Antimony	0.06	NE	NE	---	---	---	---	---	---	0.039	0.049	---	---
Cadmium	0.05	NE	NE	---	---	---	---	---	---	0.021	0.0094	---	---
Lead	0.15	NE	NE	---	---	---	---	---	---	**{0.20}**	**{0.17}**	---	---
Nickel	1	NE	NE	---	---	---	---	---	---	0.22	0.16	---	---
Zinc	50	NE	NE	---	---	---	---	---	---	8	8	---	---

Notes:
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
ResDEC = Residential Direct Exposure Criteria
{BOLD} = Result exceeds GB PMC, I/C DEC or ResDEC
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
NE = Standard not established
J = Estimated value
U = Non-detect per validation protocol
All data has been validated

Table 2
Soil Analytical Results - Storm Drain Trench - Detects Only
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples									
Site ID				SDTRENCH-07	SDTRENCH-08	SDTRENCH-08D	SDTRENCH-09	SDTRENCH-10	SDTRENCH-11	SDTRENCH-14	SDTRENCH-15	SDTRENCH-16	SDTRENCH-16D
Sample Depth				18	18	18	3	3	3	12	12	21	21
CONSTITUENT	GB PMC	I/C DEC	ResDEC	5/17/2011	5/17/2011	5/17/2011	5/19/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
VOCs (mg/kg)													
Acetone	140	1000	500	<0.0070	0.0143	0.0112	<0.0062	<0.0025	0.0111	0.0116J	0.0525	0.0487	0.0682
Benzene	0.2	200	21	<0.00070	<0.00055	<0.00066	<0.00062	<0.00025UJ	<0.00023	0.00069J	0.00044	<0.00032	<0.00033
Carbondisulfide	140	1000	500	<0.0070	<0.0055	<0.0066	<0.0062	<0.0025	<0.0023	<0.0022	<0.0027	<0.0032	<0.0033
Chloroform	1.2	940	100	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
cis-1,2-Dichloroethene	14	1000	500	<0.0028	<0.0022	<0.0027	<0.0025	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
Dichloromethane	1	760	82	<0.0028UJ	<0.0022UJ	<0.0027UJ	<0.0025UJ	<0.0010	<0.00092	<0.00087	<0.0011	<0.0013	<0.0013
SVOCs (mg/kg)													
2-Methylnaphthalene	9.8	2500	474	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Acenaphthene	84	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Anthracene	400	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Benzo(a)anthracene	1	7.8	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.422	0.576	<0.29	<0.29
Benzo(a)pyrene	1	1	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.354	0.462	<0.29	<0.29
Benzo(b)fluoranthene	1	7.8	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.296	0.408	<0.29	<0.29
Benzo(ghi)perylene	42	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Benzo(k)fluoranthene	1	78	8.4	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.309	0.372	<0.29	<0.29
Carbazole	1	290	31	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Chrysene	1	780	84	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.436	0.549	<0.29	<0.29
Dibenzo(a,h)anthracene	1	1	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Dibenzofuran	5.6	2500	270	<0.28	<0.28	<0.28	<0.27	---	---	---	---	---	---
Fluoranthene	56	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.732	1.23	<0.29	<0.29
Fluorene	56	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Indeno(1,2,3-cd)pyrene	1	7.8	1	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Naphthalene	56	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	<0.29	<0.28	<0.29	<0.29
Phenanthrene	40	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.569	0.861	<0.29	<0.29
Pyrene	40	2500	1000	<0.28	<0.28	<0.28	<0.27	<0.3	<0.28	0.628	1.06	<0.29	<0.29
PCBs (mg/kg)													
Aroclor 1260	NE	NE	NE	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	0.139	<0.12	<0.11	<0.11
PCBs	NE	10	1	<0.11	<0.11	<0.11	<0.11	<0.12	<0.11	0.14	<0.12	<0.11	<0.11
CT ETPH (mg/kg)													
ETPH	2500	2500	500	<18	<19	<19	<17	24.4	21	252	232	<19	<19
Metals (Total) (mg/kg)													
Antimony	NE	8200	27	<0.90	<0.88	<0.90UJ	<0.87	<0.92	<0.92	5.2	1.6	<1.8	<1.8
Arsenic	NE	10	10	3.6	2.3	2.3	**{15.3}**	**{50.7}**	**{15.8}**	**{18.7}**	**{13.8}**	2.6	2.5
Beryllium	NE	2	2	0.83	0.92	0.95	0.63	1.3	0.73	0.94	0.55	2	**{2.1}**
Cadmium	NE	1000	34	<0.36	<0.35	<0.36	<0.35	0.49	<0.37	1.7	0.43	<0.72	<0.72
Chromium	NE	100	100	11.1	10.6	10.7	17.3	17.6	11.2	37.2	16.5	11.4	11.7
Copper	NE	76000	2500	13.1	12.1	11.9	21	26.5	14.4	223	99.5	17.5	16.5
Lead	NE	1000	400	11.8	5	5.5J	6.9	12.7	11.1	261	84.7	5.5	5.9
Mercury	NE	610	20	0.056	0.042	0.036	0.051	0.1	<0.034	0.58	0.16	<0.035	<0.037
Nickel	NE	7500	1400	13.9	14.2	14.2	36.3	22.5	17.6	39.1	17.9	31.4	32
Selenium	NE	10000	340	<0.90	<0.88	<0.90	<0.87	1.2	<0.92	<0.92	<0.94	<1.8	<1.8
Silver	NE	10000	340	<0.45	<0.44	<0.45	<0.44	<0.46	<0.46	2.2	<0.47	<0.90	<0.90
Thallium	NE	160	5.4	<0.90	<0.88	<0.90	<0.87	<0.92	<0.92	<0.92	<0.94	<1.8	<1.8
Vanadium	NE	14000	470	26.1	21.5	21.7	151	67.9	41.9	26.6	19	24.5	24
Zinc	NE	610000	20000	49.9	31	32.8	33.6	45.6	45.4	1280	454	50.2	51.2
Metals (SPLP) (mg/l)													

Table 2
Soil Analytical Results - Storm Drain Trench - Detects Only
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples									
Site ID				**SDTRENCH-07**	**SDTRENCH-08**	**SDTRENCH-08D**	**SDTRENCH-09**	**SDTRENCH-10**	**SDTRENCH-11**	**SDTRENCH-14**	**SDTRENCH-15**	**SDTRENCH-16**	**SDTRENCH-16D**
Sample Depth				**18**	**18**	**18**	**3**	**3**	**3**	**12**	**12**	**21**	**21**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/17/2011**	**5/17/2011**	**5/17/2011**	**5/19/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**	**5/20/2011**
Antimony	0.06	NE	NE	<0.0060	<0.0060	<0.0060	<0.0060	---	---	---	---	---	---
Arsenic	0.1	NE	NE	<0.010	<0.010	<0.010	0.028	---	---	---	---	---	---
Chromium	0.5	NE	NE	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Nickel	1	NE	NE	<0.040	<0.040	<0.040	<0.040	---	---	---	---	---	---
Vanadium	0.5	NE	NE	0.026	0.016	<0.010	**{0.67}**	---	---	---	---	---	---
Metals (TCLP) (mg/l)													
Antimony	0.06	NE	NE	---	---	---	---	---	---	---	---	---	---
Cadmium	0.05	NE	NE	---	---	---	---	---	---	---	---	---	---
Lead	0.15	NE	NE	---	---	---	---	---	---	---	---	---	---
Nickel	1	NE	NE	---	---	---	---	---	---	---	---	---	---
Zinc	50	NE	NE	---	---	---	---	---	---	---	---	---	---

Notes:
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
ResDEC = Residential Direct Exposure Criteria
{BOLD} = Result exceeds GB PMC, I/C DEC or ResDEC
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
NE = Standard not established
J = Estimated value
U = Non-detect per validation protocol
All data has been validated

Table 2
Soil Analytical Results - Storm Drain Trench - Detects Only
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples					
Site ID				SDTRENCH-17	SDTRENCH-18	SDTRENCH-19	SDTRENCH-20	SDTRENCH-21	SDTRENCH-22
Sample Depth				21	3	3	7	7	18
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/20/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**
VOCs (mg/kg)									
Acetone	140	1000	500	0.0629	<0.0022	0.0106J	<0.0036UJ	0.0028J	<0.0027
Benzene	0.2	200	21	<0.00033	0.0034J	<0.00029UJ	<0.00036UJ	<0.00027UJ	<0.00027
Carbondisulfide	140	1000	500	<0.0033	<0.0022	<0.0029UJ	<0.0036UJ	<0.0027UJ	<0.0027
Chloroform	1.2	940	100	<0.0013	<0.00087	<0.0012UJ	0.0016J	<0.0011UJ	<0.0011
cis-1,2-Dichloroethene	14	1000	500	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
Dichloromethane	1	760	82	<0.0013	<0.00087	<0.0012UJ	<0.0015UJ	<0.0011UJ	<0.0011
SVOCs (mg/kg)									
2-Methylnaphthalene	9.8	2500	474	---	---	---	---	---	---
Acenaphthene	84	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Anthracene	400	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Benzo(a)anthracene	1	7.8	1	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Benzo(a)pyrene	1	1	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Benzo(b)fluoranthene	1	7.8	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Benzo(ghi)perylene	42	2500	1000	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Benzo(k)fluoranthene	1	78	8.4	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Carbazole	1	290	31	---	---	---	---	---	---
Chrysene	1	780	84	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Dibenzo(a,h)anthracene	1	1	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Dibenzofuran	5.6	2500	270	---	---	---	---	---	---
Fluoranthene	56	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Fluorene	56	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Indeno(1,2,3-cd)pyrene	1	7.8	1	<0.29	<0.27	<0.28	<0.33UJ	<0.29	<0.26
Naphthalene	56	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Phenanthrene	40	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
Pyrene	40	2500	1000	<0.29	<0.27	<0.28	<0.33	<0.29	<0.26
PCBs (mg/kg)									
Aroclor 1260	NE	NE	NE	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
PCBs	NE	10	1	<0.11	<0.11	<0.11	<0.13	<0.11	<0.1
CT ETPH (mg/kg)									
ETPH	2500	2500	500	<19	<18	102	214J	129	52.1
Metals (Total) (mg/kg)									
Antimony	NE	8200	27	<1.8UJ	<0.88	<0.88	<0.99	<0.94	<0.84
Arsenic	NE	10	10	2.6	**{28.6}**	**{71.4}**	**{87.3}**	**{48.2}**	8.4
Beryllium	NE	2	2	**{2.1}**	0.68	1.5	**{2.4}**	1.2	0.59
Cadmium	NE	1000	34	<0.73	<0.35	0.46	0.87	0.4	<0.33
Chromium	NE	100	100	11.8	13.7	91.7	27.4	18.4	15
Copper	NE	76000	2500	16.9	14.8	37.1	26.1	20.6	20.5
Lead	NE	1000	400	5.5	6.7	13	13	9.6	6.6
Mercury	NE	610	20	<0.035	0.037	0.11	0.19	0.083	<0.032
Nickel	NE	7500	1400	31.9	16.7	146	26.2	37.2	17.9
Selenium	NE	10000	340	<1.8	<0.88	2.4	2.1	1.1	<0.84
Silver	NE	10000	340	<0.91	<0.44	<0.44	<0.49	<0.47	<0.42
Thallium	NE	160	5.4	<1.8	<0.88	1	1.7	<0.94	<0.84
Vanadium	NE	14000	470	24.1	70.5	**{746}**	74.6	133	34.6
Zinc	NE	610000	20000	50.2	24.7	37.9	36	30	32.8
Metals (SPLP) (mg/l)									

Table 2
Soil Analytical Results - Storm Drain Trench - Detects Only
Middletown Power LLC
Middletown, CT

				Non-Debris Area Samples					
Site ID				**SDTRENCH-17**	**SDTRENCH-18**	**SDTRENCH-19**	**SDTRENCH-20**	**SDTRENCH-21**	**SDTRENCH-22**
Sample Depth				**21**	**3**	**3**	**7**	**7**	**18**
CONSTITUENT	**GB PMC**	**I/C DEC**	**ResDEC**	**5/20/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**	**5/23/2011**
Antimony	0.06	NE	NE	---	---	<0.0060	---	<0.0060	---
Arsenic	0.1	NE	NE	---	---	0.064	---	0.044	---
Chromium	0.5	NE	NE	---	---	0.012	---	<0.010	---
Nickel	1	NE	NE	---	---	0.05	---	<0.040	---
Vanadium	0.5	NE	NE	---	---	**{1.6}**	---	0.37	---
Metals (TCLP) (mg/l)									
Antimony	0.06	NE	NE	---	---	---	---	---	---
Cadmium	0.05	NE	NE	---	---	---	---	---	---
Lead	0.15	NE	NE	---	---	---	---	---	---
Nickel	1	NE	NE	---	---	---	---	---	---
Zinc	50	NE	NE	---	---	---	---	---	---

Notes:
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
ResDEC = Residential Direct Exposure Criteria
{BOLD} = Result exceeds GB PMC, I/C DEC or ResDEC
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
NE = Standard not established
J = Estimated value
U = Non-detect per validation protocol
All data has been validated

TABLE 3
SUMMARY STATISTICS OF CONSTITUENTS DETECTED IN SOIL
Storm Drain Trench - All Samples

Middletown Power LLC
Middletown, Connecticut

Constituent	Units	** Freq. of Detect.	% of Detect.	Minimum Concentration			Maximum Concentration			*** Avg. Conc.
Volatile Organic Compounds										
Acetone	mg/kg	16/26	62%	0.0028J	SDTRENCH-21	7.0 ft	0.0682	SDTRENCH-16D	21.0 ft	0.018
Benzene	mg/kg	7/26	27%	0.00044	SDTRENCH-15	12.0 ft	0.0039J	SDTRENCH-03	9.0 ft	0.001
Carbondisulfide	mg/kg	2/26	8%	0.0046J	EX-2	5.5 ft	0.0213J	SDTRENCH-03	9.0 ft	0.003
Chloroform	mg/kg	1/26	4%	0.0016J	SDTRENCH-20	7.0 ft	0.0016J	SDTRENCH-20	7.0 ft	0.001
Dichloromethane	mg/kg	4/26	15%	0.0036J	SDTRENCH-03	9.0 ft	0.0181J	SDTRENCH-06	12.0 ft	0.002
cis-1,2-Dichloroethene	mg/kg	2/26	8%	0.0019J	EX-1	14.5 ft	0.0037J	EX-2	5.5 ft	0.001
Semi-Volatile Organic Compounds										
2-Methylnaphthalene	mg/kg	1/10	10%	0.375	SDTRENCH-05	12.0 ft	0.375	SDTRENCH-05	12.0 ft	0.165
Acenaphthene	mg/kg	3/26	12%	0.382	EX-1	14.5 ft	1.67	EX-2	5.5 ft	0.230
Anthracene	mg/kg	2/26	8%	0.699	SDTRENCH-05	12.0 ft	1.58	EX-2	5.5 ft	0.219
Benzo(a)anthracene	mg/kg	5/26	19%	0.422	SDTRENCH-14	12.0 ft	2.69	EX-2	5.5 ft	0.312
Benzo(a)pyrene	mg/kg	4/26	15%	0.354	SDTRENCH-14	12.0 ft	2.14	EX-2	5.5 ft	0.259
Benzo(b)fluoranthene	mg/kg	4/26	15%	0.296	SDTRENCH-14	12.0 ft	1.82	EX-2	5.5 ft	0.238
Benzo(ghi)perylene	mg/kg	1/26	4%	1.23	EX-2	5.5 ft	1.23	EX-2	5.5 ft	0.184
Benzo(k)fluoranthene	mg/kg	4/26	15%	0.309	SDTRENCH-14	12.0 ft	1.87	EX-2	5.5 ft	0.241
Carbazole	mg/kg	1/10	10%	0.352	SDTRENCH-05	12.0 ft	0.352	SDTRENCH-05	12.0 ft	0.163
Chrysene	mg/kg	5/26	19%	0.41	SDTRENCH-03	9.0 ft	2.51	EX-2	5.5 ft	0.298
Dibenzo(a,h)anthracene	mg/kg	1/26	4%	0.569	EX-2	5.5 ft	0.569	EX-2	5.5 ft	0.159
Dibenzofuran	mg/kg	1/10	10%	0.306	SDTRENCH-05	12.0 ft	0.306	SDTRENCH-05	12.0 ft	0.158
Fluoranthene	mg/kg	6/26	23%	0.388	EX-1	14.5 ft	5.99	EX-2	5.5 ft	0.548
Fluorene	mg/kg	2/26	8%	0.54	SDTRENCH-05	12.0 ft	1.14	EX-2	5.5 ft	0.196
Indeno(1,2,3-cd)pyrene	mg/kg	1/26	4%	1.26	EX-2	5.5 ft	1.26	EX-2	5.5 ft	0.186
Naphthalene	mg/kg	3/26	12%	0.709	SDTRENCH-05	12.0 ft	8.82	EX-1	14.5 ft	0.546
Phenanthrene	mg/kg	6/26	23%	0.562	SDTRENCH-03	9.0 ft	5.74	EX-2	5.5 ft	0.521
Pyrene	mg/kg	6/26	23%	0.37	EX-1	14.5 ft	5.01	EX-2	5.5 ft	0.488
Petroleum Hydrocarbons										
ETPH	mg/kg	16/26	62%	21.0	SDTRENCH-11	3.0 ft	588	EX-1	14.5 ft	99.508
Polychlorinated Biphenyls (PCBs)										
Aroclor 1260	mg/kg	1/26	4%	0.139	SDTRENCH-14	12.0 ft	0.139	SDTRENCH-14	12.0 ft	0.059
PCBs	mg/kg	1/26	4%	0.14	SDTRENCH-14	12.0 ft	0.14	SDTRENCH-14	12.0 ft	0.059
Metals										
Antimony (TCLP)	mg/l	2/2	100%	0.039	EX-1	14.5 ft	0.049	EX-2	5.5 ft	0.044
Antimony (SPLP)	mg/l	3/12	25%	0.0068	SDTRENCH-05	12.0 ft	0.016	SDTRENCH-03	9.0 ft	0.005
Antimony	mg/kg	4/26	15%	1.6	SDTRENCH-15	12.0 ft	9.1	EX-1	14.5 ft	1.266
Arsenic (SPLP)	mg/l	8/12	67%	0.011	SDTRENCH-04	9.0 ft	0.064	SDTRENCH-19	3.0 ft	0.021
Arsenic	mg/kg	26/26	100%	2.3	SDTRENCH-08	18.0 ft	87.3	SDTRENCH-20	7.0 ft	22.227
Beryllium	mg/kg	25/26	96%	0.40	SDTRENCH-02	5.0 ft	2.4	SDTRENCH-20	7.0 ft	1.065
Cadmium (TCLP)	mg/l	2/2	100%	0.0094	EX-2	5.5 ft	0.021	EX-1	14.5 ft	0.015
Cadmium	mg/kg	10/26	38%	0.40	SDTRENCH-21	7.0 ft	3.5	EX-1	14.5 ft	0.519
Chromium (SPLP)	mg/l	1/12	8%	0.012	SDTRENCH-19	3.0 ft	0.012	SDTRENCH-19	3.0 ft	0.006
Chromium	mg/kg	26/26	100%	7.8	SDTRENCH-13	8.0 ft	105	EX-1	14.5 ft	23.785
Copper	mg/kg	26/26	100%	9.2	SDTRENCH-13	8.0 ft	876	EX-1	14.5 ft	87.631
Lead (TCLP)	mg/l	2/2	100%	0.17	EX-2	5.5 ft	0.20	EX-1	14.5 ft	0.185
Lead	mg/kg	26/26	100%	4.4	SDTRENCH-13	8.0 ft	549	EX-1	14.5 ft	56.323
Mercury	mg/kg	20/26	77%	0.036	SDTRENCH-08D	18.0 ft	0.58	SDTRENCH-14	12.0 ft	0.111
Nickel (TCLP)	mg/l	2/2	100%	0.16	EX-2	5.5 ft	0.22	EX-1	14.5 ft	0.190
Nickel (SPLP)	mg/l	1/12	8%	0.050	SDTRENCH-19	3.0 ft	0.050	SDTRENCH-19	3.0 ft	0.023
Nickel	mg/kg	26/26	100%	8.7	SDTRENCH-13	8.0 ft	146	SDTRENCH-19	3.0 ft	32.688
Selenium	mg/kg	8/26	31%	0.98	SDTRENCH-03	9.0 ft	2.4	SDTRENCH-19	3.0 ft	0.782
Silver	mg/kg	4/26	15%	0.67	SDTRENCH-06	12.0 ft	2.6	EX-1	14.5 ft	0.503
Thallium	mg/kg	2/26	8%	1.0	SDTRENCH-19	3.0 ft	1.7	SDTRENCH-20	7.0 ft	0.566

NOTES:

** Frequency of detection indicates the number of samples in which a constituent was detected over the number of samples tested for the constituent.

*** Average concentration calculated using 1/2 the detection limit for non-detect results.

Data has been validated, validation qualifiers shown.
J = Estimated value.

Constituent	Units	** Freq. of Detect.	% of Detect.	Minimum Concentration			Maximum Concentration			*** Avg. Conc.
Vanadium (SPLP)	mg/l	11/12	92%	0.013	SDTRENCH-04	9.0 ft	1.6	SDTRENCH-19	3.0 ft	0.365
Vanadium	mg/kg	26/26	100%	19.0	SDTRENCH-15	12.0 ft	746	SDTRENCH-19	3.0 ft	87.800
Zinc (TCLP)	mg/l	2/2	100%	8.0	EX-1	14.5 ft	8.0	EX-1	14.5 ft	8.000
Zinc	mg/kg	26/26	100%	19.9	SDTRENCH-13	8.0 ft	2910	EX-1	14.5 ft	294.415

NOTES:

** Frequency of detection indicates the number of samples in which a constituent was detected over the number of samples tested for the constituent.

*** Average concentration calculated using 1/2 the detection limit for non-detect results.

Data has been validated, validation qualifiers shown.
J = Estimated value.

TABLE 4
SUMMARY STATISTICS OF CONSTITUENTS DETECTED IN SOIL
Storm Drain Trench - Debris Fill Samples

Middletown Power LLC
Middletown, Connecticut

Constituent	Units	** Freq. of Detect.	% of Detect.	Minimum Concentration			Maximum Concentration			*** Avg. Conc.
Volatile Organic Compounds										
Acetone	mg/kg	3/6	50%	0.0082	SDTRENCH-12	8.0 ft	0.0171	SDTRENCH-13	8.0 ft	0.007
Benzene	mg/kg	2/6	33%	0.0015J	SDTRENCH-06	12.0 ft	0.0039J	SDTRENCH-03	9.0 ft	0.001
Carbondisulfide	mg/kg	1/6	17%	0.0213J	SDTRENCH-03	9.0 ft	0.0213J	SDTRENCH-03	9.0 ft	0.005
Dichloromethane	mg/kg	3/6	50%	0.0036J	SDTRENCH-03	9.0 ft	0.0181J	SDTRENCH-06	12.0 ft	0.005
Semi-Volatile Organic Compounds										
2-Methylnaphthalene	mg/kg	1/4	25%	0.375	SDTRENCH-05	12.0 ft	0.375	SDTRENCH-05	12.0 ft	0.201
Acenaphthene	mg/kg	1/6	17%	0.655	SDTRENCH-05	12.0 ft	0.655	SDTRENCH-05	12.0 ft	0.227
Anthracene	mg/kg	1/6	17%	0.699	SDTRENCH-05	12.0 ft	0.699	SDTRENCH-05	12.0 ft	0.234
Benzo(a)anthracene	mg/kg	2/6	33%	0.425	SDTRENCH-03	9.0 ft	1.01	SDTRENCH-05	12.0 ft	0.333
Benzo(a)pyrene	mg/kg	1/6	17%	0.635	SDTRENCH-05	12.0 ft	0.635	SDTRENCH-05	12.0 ft	0.223
Benzo(b)fluoranthene	mg/kg	1/6	17%	0.534	SDTRENCH-05	12.0 ft	0.534	SDTRENCH-05	12.0 ft	0.207
Benzo(k)fluoranthene	mg/kg	1/6	17%	0.582	SDTRENCH-05	12.0 ft	0.582	SDTRENCH-05	12.0 ft	0.215
Carbazole	mg/kg	1/4	25%	0.352	SDTRENCH-05	12.0 ft	0.352	SDTRENCH-05	12.0 ft	0.196
Chrysene	mg/kg	2/6	33%	0.41	SDTRENCH-03	9.0 ft	0.868	SDTRENCH-05	12.0 ft	0.306
Dibenzofuran	mg/kg	1/4	25%	0.306	SDTRENCH-05	12.0 ft	0.306	SDTRENCH-05	12.0 ft	0.184
Fluoranthene	mg/kg	2/6	33%	0.977	SDTRENCH-03	9.0 ft	2.08	SDTRENCH-05	12.0 ft	0.603
Fluorene	mg/kg	1/6	17%	0.54	SDTRENCH-05	12.0 ft	0.54	SDTRENCH-05	12.0 ft	0.208
Naphthalene	mg/kg	1/6	17%	0.709	SDTRENCH-05	12.0 ft	0.709	SDTRENCH-05	12.0 ft	0.236
Phenanthrene	mg/kg	2/6	33%	0.562	SDTRENCH-03	9.0 ft	2.23	SDTRENCH-05	12.0 ft	0.559
Pyrene	mg/kg	2/6	33%	0.908	SDTRENCH-03	9.0 ft	1.86	SDTRENCH-05	12.0 ft	0.555
Petroleum Hydrocarbons										
ETPH	mg/kg	5/6	83%	27.5	SDTRENCH-12	8.0 ft	116	SDTRENCH-04	9.0 ft	75.650
Metals										
Antimony (SPLP)	mg/l	3/4	75%	0.0068	SDTRENCH-05	12.0 ft	0.016	SDTRENCH-03	9.0 ft	0.008
Arsenic (SPLP)	mg/l	3/4	75%	0.011	SDTRENCH-04	9.0 ft	0.019	SDTRENCH-06	12.0 ft	0.013
Arsenic	mg/kg	6/6	100%	2.7	SDTRENCH-13	8.0 ft	38.5	SDTRENCH-06	12.0 ft	22.367
Beryllium	mg/kg	5/6	83%	0.85	SDTRENCH-03	9.0 ft	1.3	SDTRENCH-06	12.0 ft	0.847
Cadmium	mg/kg	2/6	33%	0.48	SDTRENCH-06	12.0 ft	0.49	SDTRENCH-04	9.0 ft	0.280
Chromium	mg/kg	6/6	100%	7.8	SDTRENCH-13	8.0 ft	28.5	SDTRENCH-04	9.0 ft	18.450
Copper	mg/kg	6/6	100%	9.2	SDTRENCH-13	8.0 ft	36.5	SDTRENCH-04	9.0 ft	25.217
Lead	mg/kg	6/6	100%	4.4	SDTRENCH-13	8.0 ft	40.7	SDTRENCH-04	9.0 ft	21.900
Mercury	mg/kg	5/6	83%	0.065	SDTRENCH-12	8.0 ft	0.11	SDTRENCH-03	9.0 ft	0.082
Nickel	mg/kg	6/6	100%	8.7	SDTRENCH-13	8.0 ft	28.9	SDTRENCH-12	8.0 ft	20.083
Selenium	mg/kg	2/6	33%	0.98	SDTRENCH-03	9.0 ft	1.1	SDTRENCH-06	12.0 ft	0.642
Silver	mg/kg	1/6	17%	0.67	SDTRENCH-06	12.0 ft	0.67	SDTRENCH-06	12.0 ft	0.297
Vanadium (SPLP)	mg/l	4/4	100%	0.013	SDTRENCH-04	9.0 ft	0.30	SDTRENCH-05	12.0 ft	0.103
Vanadium	mg/kg	6/6	100%	19.3	SDTRENCH-13	8.0 ft	120	SDTRENCH-03	9.0 ft	63.200
Zinc	mg/kg	6/6	100%	19.9	SDTRENCH-13	8.0 ft	161	SDTRENCH-04	9.0 ft	93.250

NOTES:

** Frequency of detection indicates the number of samples in which a constituent was detected over the number of samples tested for the constituent.

*** Average concentration calculated using 1/2 the detection limit for non-detect results.

Data has been validated, validation qualifiers shown.

J = Estimated value.

TABLE 5
SUMMARY STATISTICS OF CONSTITUENTS DETECTED IN SOIL
Storm Drain Trench - Non-Debris Samples

Middletown Power LLC
Middletown, Connecticut

Constituent	Units	** Freq. of Detect.	% of Detect.	Minimum Concentration			Maximum Concentration			*** Avg. Conc.
Volatile Organic Compounds										
Acetone	mg/kg	13/20	65%	0.0028J	SDTRENCH-21	7.0 ft	0.0682	SDTRENCH-16D	21.0 ft	0.021
Benzene	mg/kg	5/20	25%	0.00044	SDTRENCH-15	12.0 ft	0.0037J	EX-2	5.5 ft	0.001
Carbondisulfide	mg/kg	1/20	5%	0.0046J	EX-2	5.5 ft	0.0046J	EX-2	5.5 ft	0.002
Chloroform	mg/kg	1/20	5%	0.0016J	SDTRENCH-20	7.0 ft	0.0016J	SDTRENCH-20	7.0 ft	0.001
Dichloromethane	mg/kg	1/20	5%	0.0077J	SDTRENCH-02	5.0 ft	0.0077J	SDTRENCH-02	5.0 ft	0.001
cis-1,2-Dichloroethene	mg/kg	2/20	10%	0.0019J	EX-1	14.5 ft	0.0037J	EX-2	5.5 ft	0.001
Semi-Volatile Organic Compounds										
Acenaphthene	mg/kg	2/20	10%	0.382	EX-1	14.5 ft	1.67	EX-2	5.5 ft	0.231
Anthracene	mg/kg	1/20	5%	1.58	EX-2	5.5 ft	1.58	EX-2	5.5 ft	0.215
Benzo(a)anthracene	mg/kg	3/20	15%	0.422	SDTRENCH-14	12.0 ft	2.69	EX-2	5.5 ft	0.306
Benzo(a)pyrene	mg/kg	3/20	15%	0.354	SDTRENCH-14	12.0 ft	2.14	EX-2	5.5 ft	0.269
Benzo(b)fluoranthene	mg/kg	3/20	15%	0.296	SDTRENCH-14	12.0 ft	1.82	EX-2	5.5 ft	0.247
Benzo(ghi)perylene	mg/kg	1/20	5%	1.23	EX-2	5.5 ft	1.23	EX-2	5.5 ft	0.197
Benzo(k)fluoranthene	mg/kg	3/20	15%	0.309	SDTRENCH-14	12.0 ft	1.87	EX-2	5.5 ft	0.249
Chrysene	mg/kg	3/20	15%	0.436	SDTRENCH-14	12.0 ft	2.51	EX-2	5.5 ft	0.296
Dibenzo(a,h)anthracene	mg/kg	1/20	5%	0.569	EX-2	5.5 ft	0.569	EX-2	5.5 ft	0.164
Fluoranthene	mg/kg	4/20	20%	0.388	EX-1	14.5 ft	5.99	EX-2	5.5 ft	0.531
Fluorene	mg/kg	1/20	5%	1.14	EX-2	5.5 ft	1.14	EX-2	5.5 ft	0.193
Indeno(1,2,3-cd)pyrene	mg/kg	1/20	5%	1.26	EX-2	5.5 ft	1.26	EX-2	5.5 ft	0.199
Naphthalene	mg/kg	2/20	10%	1.39	EX-2	5.5 ft	8.82	EX-1	14.5 ft	0.639
Phenanthrene	mg/kg	4/20	20%	0.569	SDTRENCH-14	12.0 ft	5.74	EX-2	5.5 ft	0.510
Pyrene	mg/kg	4/20	20%	0.37	EX-1	14.5 ft	5.01	EX-2	5.5 ft	0.468
Petroleum Hydrocarbons										
ETPH	mg/kg	11/20	55%	21.0	SDTRENCH-11	3.0 ft	588	EX-1	14.5 ft	106.665
Polychlorinated Biphenyls (PCBs)										
Aroclor 1260	mg/kg	1/20	5%	0.139	SDTRENCH-14	12.0 ft	0.139	SDTRENCH-14	12.0 ft	0.060
PCBs	mg/kg	1/20	5%	0.14	SDTRENCH-14	12.0 ft	0.14	SDTRENCH-14	12.0 ft	0.060
Metals										
Antimony (TCLP)	mg/l	2/2	100%	0.039	EX-1	14.5 ft	0.049	EX-2	5.5 ft	0.044
Antimony	mg/kg	4/20	20%	1.6	SDTRENCH-15	12.0 ft	9.1	EX-1	14.5 ft	1.512
Arsenic (SPLP)	mg/l	5/8	63%	0.013	SDTRENCH-02	5.0 ft	0.064	SDTRENCH-19	3.0 ft	0.026
Arsenic	mg/kg	20/20	100%	2.3	SDTRENCH-08	18.0 ft	87.3	SDTRENCH-20	7.0 ft	22.185
Beryllium	mg/kg	20/20	100%	0.40	SDTRENCH-02	5.0 ft	2.4	SDTRENCH-20	7.0 ft	1.130
Cadmium (TCLP)	mg/l	2/2	100%	0.0094	EX-2	5.5 ft	0.021	EX-1	14.5 ft	0.015
Cadmium	mg/kg	8/20	40%	0.40	SDTRENCH-21	7.0 ft	3.5	EX-1	14.5 ft	0.591
Chromium (SPLP)	mg/l	1/8	13%	0.012	SDTRENCH-19	3.0 ft	0.012	SDTRENCH-19	3.0 ft	0.006
Chromium	mg/kg	20/20	100%	10.3	SDTRENCH-02	5.0 ft	105	EX-1	14.5 ft	25.385
Copper	mg/kg	20/20	100%	11.9	SDTRENCH-08D	18.0 ft	876	EX-1	14.5 ft	106.355
Lead (TCLP)	mg/l	2/2	100%	0.17	EX-2	5.5 ft	0.20	EX-1	14.5 ft	0.185
Lead	mg/kg	20/20	100%	5.0	SDTRENCH-08	18.0 ft	549	EX-1	14.5 ft	66.650
Mercury	mg/kg	15/20	75%	0.036	SDTRENCH-08D	18.0 ft	0.58	SDTRENCH-14	12.0 ft	0.120
Nickel (TCLP)	mg/l	2/2	100%	0.16	EX-2	5.5 ft	0.22	EX-1	14.5 ft	0.190
Nickel (SPLP)	mg/l	1/8	13%	0.050	SDTRENCH-19	3.0 ft	0.050	SDTRENCH-19	3.0 ft	0.024
Nickel	mg/kg	20/20	100%	13.9	SDTRENCH-07	18.0 ft	146	SDTRENCH-19	3.0 ft	36.470
Selenium	mg/kg	6/20	30%	1.0	SDTRENCH-01	5.0 ft	2.4	SDTRENCH-19	3.0 ft	0.824
Silver	mg/kg	3/20	15%	2.0	EX-2	5.5 ft	2.6	EX-1	14.5 ft	0.566
Thallium	mg/kg	2/20	10%	1.0	SDTRENCH-19	3.0 ft	1.7	SDTRENCH-20	7.0 ft	0.603
Vanadium (SPLP)	mg/l	7/8	88%	0.016	SDTRENCH-08	18.0 ft	1.6	SDTRENCH-19	3.0 ft	0.496
Vanadium	mg/kg	20/20	100%	19.0	SDTRENCH-15	12.0 ft	746	SDTRENCH-19	3.0 ft	95.180
Zinc (TCLP)	mg/l	2/2	100%	8.0	EX-1	14.5 ft	8.0	EX-1	14.5 ft	8.000
Zinc	mg/kg	20/20	100%	24.7	SDTRENCH-18	3.0 ft	2910	EX-1	14.5 ft	354.765

NOTES:

** Frequency of detection indicates the number of samples in which a constituent was detected over the number of samples tested for the constituent.

*** Average concentration calculated using 1/2 the detection limit for non-detect results.

Data has been validated, validation qualifiers are shown.

J = Estimated value.

Table 6
Storm Drain Trench Debris Samples (Site) vs AOC 13 Samples (Background)
Soil Data Evaluation
Middletown Power LLC
Middletown, CT

Analyte	Site						Background		Low FOD & Low Conc (Yes/No)	Is Analyte a Possible Lab Contaminant? (Yes/No)	Is Site Max Less than Bkgd Max? (Yes/No)	Number of Site Samples > Bkgd Max	Is Site Mean Less than Bkgd Mean? (Yes/No)	Number of Site Samples > Bkgd Mean	Recommend No Further Consideration?	Rationale for Recommendation
	FOD[1]	% of Detect	Minimum Detected Conc	Maximum Detected Conc	Maximum Detected Location	Mean Soil Conc	Maximum Soil Conc	Mean Soil Conc								
VOCs (mg/kg)																
Acetone	3 / 6	50%	0.0082	0.0171	SDTRENCH-13	0.007	0.04	0.055	No	Yes	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean; possible lab contaminant
Benzene	2 / 6	33%	0.0015	0.0039	SDTRENCH-03	0.001	-	-	No	No	NA	NA	NA	NA	No	
Carbondisulfide	1 / 6	17%	0.0213	0.0213	SDTRENCH-03	0.005	-	-	No	No	NA	NA	NA	NA	No	
Dichloromethane	3 / 6	50%	0.0036	0.0181	SDTRENCH-06	0.005	0.049	0.007	No	Yes	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
SVOCs (mg/kg)																
2-Methylnaphthalene	1 / 4	25%	0.375	0.375	SDTRENCH-05	0.201	11	0.250	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Acenaphthene	1 / 6	17%	0.655	0.655	SDTRENCH-05	0.227	0.64	0.083	No	No	No	1	No	1	No	
Anthracene	1 / 6	17%	0.699	0.699	SDTRENCH-05	0.234	0.24	0.078	No	No	No	1	No	1	No	
Benzo(a)anthracene	2 / 6	33%	0.425	1.01	SDTRENCH-05	0.333	1.8	0.109	No	No	Yes	0	No	2	No	
Benzo(a)pyrene	1 / 6	17%	0.635	0.635	SDTRENCH-05	0.223	1.5	0.101	No	No	Yes	0	No	1	No	
Benzo(b)fluoranthene	1 / 6	17%	0.534	0.534	SDTRENCH-05	0.207	2.3	0.114	No	No	Yes	0	No	1	No	
Benzo(k)fluoranthene	1 / 6	17%	0.582	0.582	SDTRENCH-05	0.215	1.4	0.101	No	No	Yes	0	No	1	No	
Carbazole	1 / 4	25%	0.352	0.352	SDTRENCH-05	0.196	0.32	0.090	No	No	No	1	No	1	No	
Chrysene	2 / 6	33%	0.41	0.868	SDTRENCH-05	0.306	2.4	0.121	No	No	Yes	0	No	2	No	
Dibenzofuran	1 / 4	25%	0.306	0.306	SDTRENCH-05	0.184	0.52	0.105	No	No	Yes	0	No	1	No	
Fluoranthene	2 / 6	33%	0.977	2.08	SDTRENCH-05	0.603	5.7	0.191	No	No	Yes	0	No	2	No	
Fluorene	1 / 6	17%	0.54	0.54	SDTRENCH-05	0.208	1.5	0.096	No	No	Yes	0	No	1	No	
Naphthalene	1 / 6	17%	0.709	0.709	SDTRENCH-05	0.236	6.4	0.174	No	No	Yes	0	No	1	No	
Phenanthrene	2 / 6	33%	0.562	2.23	SDTRENCH-05	0.559	3.2	0.156	No	No	Yes	0	No	2	No	
Pyrene	2 / 6	33%	0.908	1.86	SDTRENCH-05	0.555	4.0	0.165	No	No	Yes	0	No	2	No	
Petroleum Hydrocarbons (mg/kg)																
ETPH[2] (compared to bkgd TPH)	5 / 6	83%	27.5	116	SDTRENCH-04	75.7	3480	135	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
ETPH[2] (compared to bkgd ETPH)	5 / 6	83%	27.5	116	SDTRENCH-04	75.7	28.0	12.9	No	No	No	4	No	5	No	
Metals (mg/kg)																
Antimony (SPLP) (mg/l)	3 / 4	75%	0.0068	0.016	SDTRENCH-03	0.008	-	-	No	No	NA	NA	NA	NA	No	
Arsenic (SPLP)(mg/l)	3 / 4	75%	0.011	0.019	SDTRENCH-06	0.013	0.033	0.005	No	No	Yes	0	No	3	No	
Arsenic	6 / 6	100%	2.7	38.5	SDTRENCH-06	22.4	40.2	6.26	No	No	Yes	0	No	5	No	
Beryllium	5 / 6	83%	0.85	1.3	SDTRENCH-06	0.85	1.2	0.36	No	No	No	1	No	5	No	
Cadmium	2 / 6	33%	0.48	0.49	SDTRENCH-04	0.28	1.14	0.39	No	No	Yes	0	Yes	2	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Chromium	6 / 6	100%	7.8	28.5	SDTRENCH-04	18.5	31.3	13.4	No	No	Yes	0	No	5	No	
Copper	6 / 6	100%	9.2	36.5	SDTRENCH-04	25.2	45.9	19.2	No	No	Yes	0	No	5	No	
Lead	6 / 6	100%	4.4	40.7	SDTRENCH-04	21.9	47.0	8.74	No	No	Yes	0	No	5	No	
Mercury	5 / 6	83%	0.065	0.11	SDTRENCH-03	0.082	0.246	2.746 [3]	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Nickel	6 / 6	100%	8.7	28.9	SDTRENCH-12	20.1	470	36.5	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Selenium	2 / 6	33%	0.98	1.1	SDTRENCH-06	0.64	1.01	1.08	No	No	No	1	Yes	1	No	
Silver	1 / 6	17%	0.67	0.67	SDTRENCH-06	0.30	1.2	0.68	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Vanadium (SPLP)(mg/l)	4 / 4	100%	0.013	0.3	SDTRENCH-05	0.103	0.312	0.033	No	No	Yes	0	No	2	No	
Vanadium	6 / 6	100%	19.3	120	SDTRENCH-03	63.2	185	56.7	No	No	Yes	0	No	3	No	
Zinc	6 / 6	100%	19.9	161	SDTRENCH-04	93.3	46.7	30.7	No	No	No	5	No	5	No	

NOTES:
1. FOD = Frequency of detection. Indicates the number of samples in which a constituent was detected over the number of samples tested for the constituent.
2. ETPH is compared to both TPH and ETPH background values.
3. Likely elevated mean due to elevated detection limit in one non-detect sample.
NA = Not applicable, no background detected concentration

Table 7
Storm Drain Trench Debris Samples (Site) vs Storm Drain Trench Non-Debris Samples (Background)
Soil Data Evaluation
Middletown Power LLC
Middletown, CT

Analyte	Site						Background		Low FOD & Low Conc (Yes/No)	Is Analyte a Possible Lab Contaminant? (Yes/No)	Is Site Max Less than Bkgd Max? (Yes/No)	Number of Site Samples > Bkgd Max	Is Site Mean Less than Bkgd Mean? (Yes/No)	Number of Site Samples > Bkgd Mean	Recommend No Further Consideration?	Rationale for Recommendation
	FOD[1]	% of Detect	Minimum Detected Conc	Maximum Detected Conc	Maximum Detected Location	Mean Soil Conc	Maximum Soil Conc	Mean Soil Conc								
VOCs (mg/kg)																
Acetone	3 / 6	50%	0.0082	0.0171	SDTRENCH-13	0.007	0.0682	0.021	No	Yes	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean; possible lab contaminant
Benzene	2 / 6	33%	0.0015	0.0039	SDTRENCH-03	0.001	0.0037	0.001	No	No	No	1	No	2	No	
Carbondisulfide	1 / 6	17%	0.0213	0.0213	SDTRENCH-03	0.005	0.0046	0.002	No	No	No	1	No	1	No	
Dichloromethane	3 / 6	50%	0.0036	0.0181	SDTRENCH-06	0.005	0.0077	0.001	No	Yes	No	1	No	3	No	
SVOCs (mg/kg)																
2-Methylnaphthalene	1 / 4	25%	0.375	0.375	SDTRENCH-05	0.201	-	-	No	No	NA	NA	NA	NA	No	
Acenaphthene	1 / 6	17%	0.655	0.655	SDTRENCH-05	0.227	1.67	0.231	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Anthracene	1 / 6	17%	0.699	0.699	SDTRENCH-05	0.234	1.58	0.215	No	No	Yes	0	No	1	No	
Benzo(a)anthracene	2 / 6	33%	0.425	1.01	SDTRENCH-05	0.333	2.69	0.306	No	No	Yes	0	No	2	No	
Benzo(a)pyrene	1 / 6	17%	0.635	0.635	SDTRENCH-05	0.223	2.14	0.269	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Benzo(b)fluoranthene	1 / 6	17%	0.534	0.534	SDTRENCH-05	0.207	1.82	0.247	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Benzo(k)fluoranthene	1 / 6	17%	0.582	0.582	SDTRENCH-05	0.215	1.87	0.249	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Carbazole	1 / 4	25%	0.352	0.352	SDTRENCH-05	0.196	-	-	No	No	NA	NA	NA	NA	No	
Chrysene	2 / 6	33%	0.41	0.868	SDTRENCH-05	0.306	2.51	0.296	No	No	Yes	0	No	2	No	
Dibenzofuran	1 / 4	25%	0.306	0.306	SDTRENCH-05	0.184	-	-	No	No	NA	NA	NA	NA	No	
Fluoranthene	2 / 6	33%	0.977	2.08	SDTRENCH-05	0.603	5.99	0.531	No	No	Yes	0	No	2	No	
Fluorene	1 / 6	17%	0.54	0.54	SDTRENCH-05	0.208	1.14	0.193	No	No	Yes	0	No	1	No	
Naphthalene	1 / 6	17%	0.709	0.709	SDTRENCH-05	0.236	8.82	0.639	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Phenanthrene	2 / 6	33%	0.562	2.23	SDTRENCH-05	0.559	5.74	0.51	No	No	Yes	0	No	2	No	
Pyrene	2 / 6	33%	0.908	1.86	SDTRENCH-05	0.555	5.01	0.468	No	No	Yes	0	No	2	No	
Petroleum Hydrocarbons (mg/kg)																
ETPH	5 / 6	83%	27.5	116	SDTRENCH-04	75.7	588	107	No	No	Yes	0	Yes	3	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Metals (mg/kg)																
Antimony[2] (SPLP) (mg/l)	3 / 4	75%	0.0068	0.016	SDTRENCH-03	0.008	0.049	0.044	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Arsenic (SPLP)(mg/l)	3 / 4	75%	0.011	0.019	SDTRENCH-06	0.013	0.064	0.026	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Arsenic	6 / 6	100%	2.7	38.5	SDTRENCH-06	22.4	87.3	22.2	No	No	Yes	0	No	2	No	
Beryllium	5 / 6	83%	0.85	1.3	SDTRENCH-06	0.85	2.4	1.13	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Cadmium	2 / 6	33%	0.48	0.49	SDTRENCH-04	0.28	3.5	0.59	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Chromium	6 / 6	100%	7.8	28.5	SDTRENCH-04	18.5	105	25.4	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Copper	6 / 6	100%	9.2	36.5	SDTRENCH-04	25.2	876	106	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Lead	6 / 6	100%	4.4	40.7	SDTRENCH-04	21.9	549	66.7	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Mercury	5 / 6	83%	0.065	0.11	SDTRENCH-03	0.08	0.58	0.12	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Nickel	6 / 6	100%	8.7	28.9	SDTRENCH-12	20.1	146	36.5	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Selenium	2 / 6	33%	0.98	1.1	SDTRENCH-06	0.64	2.4	0.82	No	No	Yes	0	Yes	2	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Silver	1 / 6	17%	0.67	0.67	SDTRENCH-06	0.30	2.6	0.57	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Vanadium (SPLP)(mg/l)	4 / 4	100%	0.013	0.3	SDTRENCH-05	0.103	1.6	0.496	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Vanadium	6 / 6	100%	19.3	120	SDTRENCH-03	63.2	746	95.2	No	No	Yes	0	Yes	1	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean
Zinc	6 / 6	100%	19.9	161	SDTRENCH-04	93.3	2910	355	No	No	Yes	0	Yes	0	**Yes**	Site Max < Bkgd Max & Site Mean < Bkgd Mean

NOTES:
1. FOD = Frequency of detection. Indicates the number of samples in which a constituent was detected over the number of samples tested for the constituent.
2. Antimony (SPLP) for the Site was compared to Antimony (TCLP) Background due to both being leachate results.
NA = Not applicable, no background detected concentration

Table 8
Storm Drain Trench (Debris and Non-Debris Areas)
RSR Compliance Evaluation
Middletown Power LLC
Middletown, CT

Compounds Detected (All Trench Samples)	No Further Consideration per Both Table 6 and 7 Screenings? (Yes or No)	FOD	% Detect	Low FOD & Low Conc[1]? (Yes or No)	Compound Previously Detected in AOC 13? (Yes or No)	Attributable to Coal/Coal Ash (PAHs and Metals)? (Yes or No)	Exceeds Res DEC? (Yes or No)	Exceeds I/C DEC? (Yes or No)	Exceeds GB PMC? (Yes or No)	New Exceedence in AOC 13 per Ph III CSM? (Yes or No) (criteria)	Is COC or COC Class Addressed and Compliance Shown Once Current RAP Implemented? (Yes or No) (criteria)	Can Compliance be Achieved Using Self-Implementing Dilution Factor[3]? (Yes or No) (criteria)	Notes
VOCs													
Acetone	**Yes**	16 / 26	62%	No	Yes	**No**	No	No	No	NA	NA	NA	NFA per background screening; max conc 1000s of times < ResDEC
Benzene	No	7 / 26	27%	No	**No**	**No**	No	No	No	NA	NA	NA	NFA, max conc 1000s of times < ResDEC
Carbondisulfide	No	2 / 26	8%	**Yes**	**No**	**No**	No	No	No	NA	NA	NA	NFA, low FOD and low conc (max conc 1000s of times < ResDEC)
Chloroform	Note 2	1 / 26	4%	**Yes**	**No**	**No**	No	No	No	NA	NA	NA	NFA, low FOD and low conc (max conc 1000s of times < ResDEC)
Dichloromethane	No	4 / 26	15%	No	Yes	**No**	No	No	No	NA	NA	NA	NFA, max conc 1000s of times < ResDEC
cis-1,2-Dichloroethene	Note 2	2 / 26	8%	**Yes**	**No**	**No**	No	No	No	NA	NA	NA	NFA, low FOD and low conc (max conc 1000s of times < ResDEC)
SVOCs													
2-Methylnaphthalene	No	1 / 10	10%	No	Yes	Yes	No	No	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Acenaphthene	No	3 / 26	12%	No	Yes	Yes	No	No	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Anthracene	No	2 / 26	8%	**Yes**	Yes	Yes	No	No	No	NA	NA	NA	NFA, low FOD and low conc (max conc 100s of times < ResDEC)
Benzo(a)anthracene	No	5 / 26	19%	No	Yes	Yes	Yes	No	Yes	Yes (ResDEC & PMC)	Yes (ResDEC); No (PMC)	Yes (PMC)	1 debris & 1 non-debris trench sample exceed ResDEC & default PMC by ~ 3 times
Benzo(a)pyrene	No	4 / 26	15%	No	Yes	Yes	Yes	Yes	Yes	Yes (ResDEC, I/C DEC, & PMC)	Yes (ResDEC & I/C DEC); No (PMC)	Yes (PMC)	1 non-debris trench sample exceeds DECs & default PMC by ~ 2 times
Benzo(b)fluoranthene	No	4 / 26	15%	No	Yes	Yes	Yes	No	Yes	Yes (ResDEC & PMC)	Yes (ResDEC); No (PMC)	Yes (PMC)	1 non-debris trench sample exceeds ResDEC & default PMC by ~ 2 times
Benzo(ghi)perylene	Note 2	1 / 26	4%	**Yes**	Yes	Yes	No	No	No	NA	NA	NA	NFA, low FOD and low conc (max conc 100's of times < ResDEC)
Benzo(k)fluoranthene	No	4 / 26	15%	No	Yes	Yes	No	No	Yes	Yes (PMC)	No (PMC)	Yes (PMC)	1 non-debris trench sample exceeds default PMC by ~ 2 times
Carbazole	No	1 / 10	10%	No	Yes	**No**	No	No	No	NA	NA	NA	Compound previously detected but not attributable to coal/coal ash; but NFA, only detect is 88 times < ResDEC
Chrysene	No	5 / 26	19%	No	Yes	Yes	No	No	Yes	Yes (PMC)	No (PMC)	Yes (PMC)	1 non-debris trench sample exceeds default PMC by ~ 2.5 times
Dibenzo(a,h)anthracene	Note 2	1 / 26	4%	**Yes**	Yes	Yes	No	No	No	NA	NA	NA	NFA, low FOD and low conc (max conc 2 times < ResDEC)
Dibenzofuran	No	1 / 10	10%	No	Yes	Yes	No	No	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Fluoranthene	No	6 / 26	23%	No	Yes	Yes	No	No	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Fluorene	No	2 / 26	8%	**Yes**	Yes	Yes	No	No	No	NA	NA	NA	NFA, low FOD and low conc (max conc 100s of times < ResDEC)
Indeno(1,2,3-cd)pyrene	Note 2	1 / 26	4%	No	Yes	Yes	Yes	No	Yes	Yes (ResDEC & PMC)	Yes (ResDEC); No (PMC)	Yes (PMC)	1 non-debris trench sample only slightly exceeds ResDEC & default PMC
Naphthalene	No	3 / 26	12%	No	Yes	Yes	No	No	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Phenanthrene	No	6 / 26	23%	No	Yes	Yes	No	No	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Pyrene	No	6 / 26	23%	No	Yes	Yes	No	No	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Petroleum Hydrocarbons													
ETPH	No	16 / 26	62%	No	Yes	**No**	Yes	No	No	Yes (ResDEC)	Yes (ResDEC)	NA	1 non-debris trench sample only slightly exceeds ResDEC
PCBs													
Aroclor 1260	Note 2	1 / 26	4%	**Yes**	Yes	**No**	No	No	NA	NA	NA	NA	NFA, low FOD and low conc (max conc 7 times < ResDEC)

Table 8
Storm Drain Trench (Debris and Non-Debris Areas)
RSR Compliance Evaluation
Middletown Power LLC
Middletown, CT

Compounds Detected (All Trench Samples)	No Further Consideration per Both Table 6 and 7 Screenings? (Yes or No)	FOD	% Detect	Low FOD & Low Conc[1]? (Yes or No)	Compound Previously Detected in AOC 13? (Yes or No)	Attributable to Coal/Coal Ash (PAHs and Metals)? (Yes or No)	Exceeds Res DEC? (Yes or No)	Exceeds I/C DEC? (Yes or No)	Exceeds GB PMC? (Yes or No)	New Exceedence in AOC 13 per Ph III CSM? (Yes or No) (criteria)	Is COC or COC Class Addressed and Compliance Shown Once Current RAP Implemented? (Yes or No) (criteria)	Can Compliance be Achieved Using Self-Implementing Dilution Factor[3]? (Yes or No) (criteria)	Notes
Metals													
Antimony (TCLP)	No	2 / 2	100%	No	**No**	Yes	NA	NA	No	NA	NA	NA	NFA. Compound not previously detected, but attributable to coal/coal ash; no new exceedances.
Antimony (SPLP)	No	3 / 12	25%	No	**No**	Yes	NA	NA	No	NA	NA	NA	NFA. Compound not previously detected, but attributable to coal/coal ash; no new exceedances.
Antimony	No	4 / 26	15%	No	**No**	Yes	No	No	NA	NA	NA	NA	NFA. Compound not previously detected, but attributable to coal/coal ash; no new exceedances.
Arsenic (SPLP)	No	8 / 12	67%	No	Yes	Yes	NA	NA	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Arsenic	No	26 / 26	100%	No	Yes	Yes	Yes	Yes	NA	No	Yes (ResDEC & I/C DEC)	NA	5 debris & 12 non-debris trench samples exceed DECs up to 8x
Beryllium	No	25 / 26	96%	No	Yes	Yes	Yes	Yes	NA	Yes (ResDEC & I/C DEC)	Yes (ResDEC & I/C DEC)	NA	2 non-debris trench samples slightly exceed DECs (2.1 vs 2)
Cadmium (TCLP)	Note 2	2 / 2	100%	No	**No**	Yes	NA	NA	No	NA	NA	NA	NFA. Compound not previously detected, but attributable to coal/coal ash; no new exceedances.
Cadmium	**Yes**	10 / 26	38%	No	Yes	Yes	No	No	NA	NA	Yes	NA	NFA per background screening
Chromium (SPLP)	Note 2	1 / 12	8%	**Yes**	Yes	Yes	NA	NA	No	NA	NA	NA	NFA, low FOD and low conc (max conc 40 times < GBPMC)
Chromium	No	26 / 26	100%	No	Yes	Yes	Yes	Yes	NA	Yes (ResDEC & I/C DEC)	Yes (ResDEC & I/C DEC)	NA	1 non-debris trench sample only slightly exceeds DECs
Copper	No	26 / 26	100%	No	Yes	Yes	No	No	NA	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Lead (TCLP)	Note 2	2 / 2	100%	No	Previously detected as SPLP	Yes	NA	NA	Yes	Yes (PMC)	No (PMC)	Yes (PMC)	2 non-debris trench samples slightly exceed default PMC
Lead	No	26 / 26	100%	No	Yes	Yes	Yes	No	NA	Yes (ResDEC)	Yes (ResDEC)	NA	1 non-debris trench sample exceeds ResDEC by less than 2 times
Mercury	**Yes**	20 / 26	77%	No	Yes	Yes	No	No	NA	NA	NA	NA	NFA per background screening
Nickel (TCLP)	Note 2	2 / 2	100%	No	**No**	Yes	NA	NA	No	NA	NA	NA	NFA. Compound not previously detected, but attributable to coal/coal ash; no new exceedances.
Nickel (SPLP)	Note 2	1 / 12	8%	**Yes**	Yes	Yes	NA	NA	No	NA	NA	NA	NFA, low FOD and low conc (max conc 20 times < GBPMC)
Nickel	**Yes**	26 / 26	100%	No	Yes	Yes	No	No	NA	NA	NA	NA	NFA per background screening
Selenium	No	8 / 26	31%	No	Yes	Yes	No	No	NA	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Silver	**Yes**	4 / 26	15%	No	Yes	Yes	No	No	NA	NA	NA	NA	NFA per background screening
Thallium	Note 2	2 / 26	8%	**Yes**	Yes	Yes	No	No	NA	NA	NA	NA	NFA, low FOD and low conc (max conc 3 times < ResDEC)
Vanadium (SPLP)	No	11 / 12	92%	No	Yes	Yes	NA	NA	Yes	Yes (PMC)	No (PMC)	Yes (PMC)	3 non-debris trench samples exceed default PMC by up to 3 times
Vanadium	No	26 / 26	100%	No	Yes	Yes	Yes	No	NA	Yes (ResDEC)	Yes - ResDEC	NA	1 non-debris trench sample exceeds ResDEC by less than 2 times
Zinc (TCLP)	Note 2	2 / 2	100%	No	Previously detected as SPLP	Yes	NA	NA	No	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.
Zinc	No	26 / 26	100%	No	Yes	Yes	No	No	NA	NA	NA	NA	NFA. Compound previously detected; attributable to coal/coal ash; no new exceedances.

Notes:
1. Low Frequency of Detection (FOD) is considered < 10%; Low Concentration is considered to be less than or equal to one-half of the ResDEC.
2. Compound is included in this table because it was detected in trench samples, but it was not detected in the debris area. Therefore, it was not screened against background.
3. As calculated (Final calculations to be submitted to CT DEEP at a later date)
BOLD = No Further Consideration per Both Table 6 and Table 7 Background Screenings
Shading = Compounds exceeding Res DEC, I/C DEC, or PMC
NA = Not Applicable (does not exceed Res DEC, I/C DEC, or PMC)
NFA = No Further Action Required
Res DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
GB PMC = Pollutant Mobility Criteria for Groundwater Classification GB

ATTACHMENT 6

Disposal Tracking Record
Gen Conn Middletown LLC

Bill of Lading #	Quantity TONS	
147030	22.2400	
146952	21.7600	
146953	21.7400	
146954	20.5800	
146954	22.5800	
146955	18.5100	
147027	16.8500	
147028	19.3700	
161430	21.1800	
161431	20.3200	
161433	16.1700	
161434	22.0900	
161435	22.4000	
161436	23.1000	
161437	14.9500	
161438	16.1900	
161443	15.7600	
161950	16.6900	
161951	27.1600	
161952	20.4000	
161953	12.3600	
161954	21.2600	
161955	18.4200	
Total	**452.0800**	**Tons**

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY TW-5

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

161431

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30M Open Top
VOLUME 25 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☐
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Frank Stanchfield Signature Registration #: 39964A CT State / # Date: 7/19/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐:	Modern Landfill	Site ☐:	BFI Imperial Landfill	Site ☐:	Hakes Landfill	Site ☑:	Ontario Co Landfill
Address:	4400 Mount Pisgah Rd. York, PA 17402	Address:	11 Boggs Road Imperial, PA 15126	Address:	4376 Manning Ridge Rd. Painted Post, NY 14870	Address:	1879 Rte 5 & 20 Stanley NY
Phone:	717-246-4615	Phone:	724-695-0900/50831010458	Phone:	607-937-6044	Phone:	585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Lisa Conn — Name of Authorized Agent
[signature] — Signature
7/19/11 — Receipt Date

GENERATOR

30452

161435

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
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NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel Rd
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS

Bag ☐ Drum ☐ Wrapped ☐ Other ☒

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE

Transporter 1:
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: X Signature Registration #: State / # Date: 8/3/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co Lan
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 1879 Rte 5&20
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4426

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date

GENERATOR

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS

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(617) 918-1111

NY GENERATORS

EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

161437

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel Rd
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 Yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☐

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER

Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION

Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name N/A Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Signature Registration #: 486084 CT State / # Date: 7/27/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co. Land
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 1879 Rte 5&10
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4422

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Lisa Ceane — Name of Authorized Agent
[signature] — Signature GENERATOR
8/1/11 — Receipt Date

TW-40 #7 TW401308

146952

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 Yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☐
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: _____
Name Address Telephone #
Driver: _____ Registration #: _____ Date: _____
Signature State / #
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Registration #: 42434-A CT Date: 7/15/11
Signature State / #
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: [signature] Registration #: CT 38868 A Date: 7/18/11
Signature State / #
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co Landfill
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 1877 Rte 5&20
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/L15Y75028	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Lisa Coana [signature] 7/18/11
Name of Authorized Agent Signature Receipt Date

COPY 1 - GENERATOR

#2 TW-16

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

147030

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 Yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☐
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Address Gen Conn Middletown 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Address Same
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Signature Registration #: 49663-A CT State / # Date: 7/16/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rte 5 & 20 Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/L15Y75028	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Lisa Gan [signature] 7/18/11
Name of Authorized Agent Signature Receipt Date

COPY 1 - GENERATOR

PR1431845
161955

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern steel Rd.
City Milford State CT Zip 06040
Telephone Number 203-877-0125
Date Container Del. Date of Pickup
Type of Container 30yd
VOLUME 15 **CY** Friable ☑ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Rd.
City Middletown State CT Zip 06457
Phone Number

GENERATING LOCATION
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1:
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Frank S Signature Registration #: 39969A CT State / # Date: 7-13-11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario CO. Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 RT 5&20 Stanley N.Y.
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 7/14/11

GENERATOR

303357220

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

146955

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. # _____
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. _____ Date of Pickup _____
Type of Container 30yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS

Bag ☐ Drum ☐ Wrapped ☐ Other ☐

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
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AUTHORIZED SIGNATURE Keith Stalter

Transporter 1: _____
Name Address Telephone #
Driver: _____ Registration #: _____ Date: _____
Signature State / #
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Bish Registration #: CT 48608A Date: 7/18/11
Signature State / #
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: _____ Registration #: _____ Date: _____
Signature State / #
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario CO landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt. 5&20 Stanley NY
Phone: 717-246-4615	Phone: 724-695-0900/L15Y75028	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Lisa Coan — Name of Authorized Agent
[signature] — Signature
7/18/11 — Receipt Date

COPY 1 - GENERATOR

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

146953

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 21100 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 Yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS

Bag ☐ Drum ☐ Wrapped ☐ Other ☐

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Address Same
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
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AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Bush Signature Registration #: 48608A CT State / # Date: 7-14-11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario County Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt. 5890 Stanley NY
Phone: 717-246-4615	Phone: 724-695-0900/L15Y75028	Phone: 607-937-6044	Phone: 585-526-4470

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Lisa Gana — Name of Authorized Agent
[signature] — Signature
7/16/11 — Receipt Date

COPY 1 - GENERATOR

PRI331975 [redacted]

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

147027

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel Rd
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☒ Other ☐
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1860 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
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AUTHORIZED SIGNATURE [signature]

Transporter 1: _____
Name Address Telephone #
Driver: _____ Registration #: _____ Date: _____
Signature State / #
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Robert Farini Registration #: 40985A CT Date: 7.13.11
Signature State / #
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: _____ Registration #: _____ Date: _____
Signature State / #
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario CD Landfill
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 1879 Rt. 5 890
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley NY
Phone: 717-246-4615	Phone: 724-695-0900/L15Y75028	Phone: 607-937-6044	Phone: 585-586-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Nancy Gillman [signature] 7/14/11
Name of Authorized Agent Signature Receipt Date

COPY 1 - GENERATOR

PR1342164
161954

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services INC
Address 69 Eastern Steel Rd.
City Milford State CT Zip 06040
Telephone Number 203-877-0125
Date Container Del. Date of Pickup
Type of Container 30 yd
VOLUME 15 **CY** Friable ☑ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Rd.
City Middletown State CT Zip 06457
Phone Number

GENERATING LOCATION
Address Same
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
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AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Bush Signature Registration #: 48608A CT State / # Date: 7/12/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario LD Landfill
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 879 Rt 590
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 7/13/11
GENERATOR

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway. 26th Floor
New York, NY 10007-1866
(212) 637-3000

161954

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 21001 P.O. #
Contractor US Sanitec Inc
Address 69 Eastern Steel Rd
City Milford State CT Zip 06460
Telephone Number 203-877-0125
Date Container Del. Date of Pickup
Type of Container 2 yd
VOLUME 15 **CY** Friable ☑ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER

Gen Conn Middletown LLC
Address Mill River Rd
City Middletown State CT Zip 06457
Phone Number

GENERATING LOCATION

Address Same
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Rum Signature Registration #: 1 [illegible] CT State / # Date: 7/18/21
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Kodiak LD [illegible]
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: [illegible]
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: [illegible]

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date
CONTRACTOR

TW-24 #14

161950

211

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc.
Address 69 Eastern steel Rd.
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 yd.
VOLUME 15 **CY** Friable ☑ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middle town State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1:
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Signature Registration #: 22240-A CT State / # Date: 7/5/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Charlie Knowles Signature Registration #: 496663A CT State / # Date: 7-7-11
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario Co. Landfi.
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt 5 & 20 Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [signature] Signature GENERATOR Receipt Date 7/8/11

Can # PRI37 #11

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

147028

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☐
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Address Same
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Signature Registration #: 27240-A State / # Date: 6/30/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: 41985-A State / # Date: 6/30/11
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co. Landfill
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 1879 Rt 5 & 20
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley, NY 14561
Phone: 717-246-4615	Phone: 724-695-0900/L15Y75028	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 7/11

COPY 1 - GENERATOR

PR119
161438

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel Rd
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☒
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: _____
Name Address Telephone #
Driver: _____ Registration #: _____ Date: _____
Signature State / #
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Busk Registration #: 48608 A CT Date: 7-21-11
Signature State / #
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: _____ Registration #: _____ Date: _____
Signature State / #
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co. Landfill
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 1879 Rte. 5&20
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Nancy Gillman [signature] 7/22/11
Name of Authorized Agent Signature Receipt Date
GENERATOR

PR158199
161430

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
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1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel Rd
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☒

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Commodities LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Signature Registration #: 39169A CT State / # Date: 7-18-11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rte 5&20 Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [signature] Signature GENERATOR [signature] Receipt Date 7/27/11

Can No: PRI#57 #3F

161433

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30Yd Open Top
VOLUME 15 CY Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☐
RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Signature Registration #: 27240-A State / # Date: 6/30/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Charlie Knowles Signature Registration #: 49663A CT State / # Date: 6/30/11
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co. Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt 5&20 Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Nancy Gilman [signature] 7/1/11
Name of Authorized Agent Signature Receipt Date
GENERATOR

PRI-62 #13

E.P.A. AGENCY

161953

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern steel Rd.
City Milford State CT Zip 06040
Telephone Number 203-877-0125
Date Container Del. Date of Pickup
Type of Container 30yd
VOLUME 15 **CY** Friable ☑ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Rd.
City Middletown State CT Zip 06454
Phone Number

GENERATING LOCATION
Address Same
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
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AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Signature Registration #: 45292-CT State / # Date: 7/7/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Robert Farina Signature Registration #: 40985A CT State / # Date: 7.7.11
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario CO landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt. 5890 Stanley NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4480

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [signature] Signature 18 11 Receipt Date

GENERATOR

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

161439

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☒

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
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AUTHORIZED SIGNATURE

Transporter 1:
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Bush Signature Registration #: CT 48608A State / # Date: 8/8/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rte 5 & 20 Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date
GENERATOR

PR/17
161434

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1966 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Robert Farina Signature Registration #: 40985A CT State / # Date: 7-19-11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐:	Modern Landfill	Site ☐:	BFI Imperial Landfill	Site ☐:	Hakes Landfill	Site ☒:	Ontario Co. Landf
Address:	4400 Mount Pisgah Rd. York, PA 17402	Address:	11 Boggs Road Imperial, PA 15126	Address:	4376 Manning Ridge Rd. Painted Post, NY 14870	Address:	879 Rte 5&20 Stanley, NY
Phone:	717-246-4615	Phone:	724-695-0900/50831010458	Phone:	607-937-6044	Phone:	585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [signature] Signature [signature] Receipt Date 7/20/11
GENERATOR

PR1-23

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

161952

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc.
Address 69 Eastern steel Rd.
City Milford State CT Zip 06040
Telephone Number 203-877-0125
Date Container Del. Date of Pickup
Type of Container 30yd
VOLUME CY Friable ☑ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Rd
City Middletown State CT Zip 06454
Phone Number

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1:
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: [signature] Signature Registration #: 45292-A CT State / # Date: 7/5/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Bob Torrance Signature Registration #: 40985A CT State / # Date: 7-6-11
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario Co. landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt. 5&10 Stanley N.Y.
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Nancy Filma [signature] 7 7 11
Name of Authorized Agent Signature Receipt Date
GENERATOR

384 #20

E.P.A. AGENCY

161951

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern steel Rd.
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30 yd
VOLUME CY Friable ☑ Non-Friable ☐
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☑

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Rd.
City Middle Town State CT Zip 06454
Phone Number

GENERATING LOCATION
Address Same
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE

Transporter 1:
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Signature Registration #: 45292-A CT State / # Date: 7/5/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Charlie Knowles Signature Registration #: 49663A CT State / # Date: 7-6-11
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co landfil
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt. 5&20 Stanley NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 7/7/11

GENERATOR

PR1382150
161436

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc
Address 69 Eastern Steel Rd
City Milford State CT Zip 06040
Telephone Number 203 877 0175
Date Container Del. Date of Pickup
Type of Container 30 yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☐

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Burk Signature Registration #: 48608 A CT State / # Date: 7-21-11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co. Landfill
Address: 4400 Mount Pisgah Rd.	Address: 11 Boggs Road	Address: 4376 Manning Ridge Rd.	Address: 1879 Rte 5&10
York, PA 17402	Imperial, PA 15126	Painted Post, NY 14870	Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-442

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [signature] Signature [signature] GENERATOR Receipt Date 7/25/11

TW-15 #4

E.P.A. AGENCY

146954

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc.
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS

Bag ☐ Drum ☐ Wrapped ☒ Other ☐

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER
Gen Conn Middletown LLC
Address 1866 River Road
City Middletown State CT Zip 06457
Phone Number 860 638 3102

GENERATING LOCATION
Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
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AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Signature Registration #: 36734-A CT State / # Date: 7/6/11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Barry Bash Signature Registration #: 48608 A CT State / # Date: 7-11-11
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☑: Ontario CO Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rt. 5&20 Stanley N.Y.
Phone: 717-246-4615	Phone: 724-695-0900/L15Y75028	Phone: 607-937-6044	Phone: 585-526-6120

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent Signature Receipt Date 7/11/11

COPY 1 - GENERATOR

3 Barker Drive • Wallingford, CT 06492
(203) 269-8300 • Fax: (203) 269-8600

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS
EPA New England
1 Congress Street
Boston, MA 02114-2023
(617) 918-1111

NY GENERATORS
EPA Region 2
290 Broadway, 26th Floor
New York, NY 10007-1866
(212) 637-3000

161443

EMERGENCY RESPONSE TELEPHONE
#1-800-750-3460

TK#

ASBESTOS DISPOSAL & DOCUMENTATION FORM

Job Number 211001 P.O. #
Contractor LVI Services Inc.
Address 69 Eastern Steel RD
City Milford State CT Zip 06040
Telephone Number 203 877 0125
Date Container Del. Date of Pickup
Type of Container 30Yd Open Top
VOLUME 15 **CY** Friable ☒ Non-Friable ☒
MUST BE IN CUBIC YARDS
Bag ☐ Drum ☐ Wrapped ☐ Other ☒

RQ, ASBESTOS, 9, NA2212, PG III

GENERATOR/BUILDING OWNER

GenConn Middletown, LLC
Address 1 Blue Ribbon Road
City Middletown State CT Zip 06457
Phone Number 860-638-3102

GENERATING LOCATION

Same
Address
City State Zip
Phone Number

I certify the above named material does not contain free liquid as defined by 40 CFR part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to NESHAP standards for asbestos waste disposal found in 40 CFR part 61.150.
Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

AUTHORIZED SIGNATURE [signature]

Transporter 1: Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Transporter 2: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Driver: Barry Bush Signature Registration #: 486084 CT State / # Date: 7-19-11
Acknowledgement of receipt of materials.

Transporter 3: TransWaste, Inc., 3 Barker Drive, Wallingford, CT 06492 (203) 269-8300
Name Address Telephone #
Driver: Signature Registration #: State / # Date:
Acknowledgement of receipt of materials.

Site ☐: Modern Landfill	Site ☐: BFI Imperial Landfill	Site ☐: Hakes Landfill	Site ☒: Ontario Co. Landfill
Address: 4400 Mount Pisgah Rd. York, PA 17402	Address: 11 Boggs Road Imperial, PA 15126	Address: 4376 Manning Ridge Rd. Painted Post, NY 14870	Address: 1879 Rte 5&20 Stanley, NY
Phone: 717-246-4615	Phone: 724-695-0900/50831010458	Phone: 607-937-6044	Phone: 585-526-4420

Certification of receipt of materials covered by this manifest.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent [signature] Signature [signature] Receipt Date 7/20/11

GENERATOR