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January 28, 2014

Ms. Carolyn Casey
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Boston, MA 02109-3912

Re: Semi-Annual Remedy Operation and Post Closure Status Report - On Property Conditions
Former Risdon Corporation – former Danbury, CT Facility (CTD001168558)
Stewardship Permit Submittal – DEP/HWM/CS-034-006

Dear Ms. Casey:

Please find attached, the *Semi-Annual Remedy Operation and Post Closure Status Report,* prepared to document the activities conducted as part of the on-property remedy operations at the former Risdon facility located at 15 Old Newtown Road in Danbury, Connecticut during the past six months.

In accordance with the March 2008 *Remedial Action Plan* (RAP) and consistent with the December 2008 *Revised Operations, Maintenance, and Monitoring (OMM) Plan* and the November 2009 *Draft Post Closure Plan*, this semi-annual status report has been prepared to document the activities performed as part of the remedy for the site (on-property) for the period of June 1 through November 30, 2013. This document summarizes the operation, maintenance, and monitoring performed during this time period for the groundwater migration control extraction and treatment system and the sub-slab vapor control system located at the Site.

If you have any questions or require further information, please contact me at (978) 557-8150 or Kenny Gulledge (CR USA, Inc.) at (843) 537-9794.

SINCERELY,

WOODARD & CURRAN, INC.

Jeffrey Hamel, LSP, LEP
Senior Project Manager

Enclosure
97001.01

cc: Sandy Brunelli (CTDEEP)
K. Gulledge (CR, USA)

RDMS Doc ID 110451

SEMI-ANNUAL REMEDY OPERATION AND POST CLOSURE STATUS REPORT

On-Property Conditions

15 Old Newtown Road
Danbury, CT

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#97001
CR USA Inc.
January 2014

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1. INTRODUCTION AND BACKGROUND

The former Risdon Danbury, Connecticut facility is located on approximately 8 acres of land at 15 Old Newtown Road. Currently, CR USA, Inc. (CR USA) is not performing manufacturing operations and there are no full-time workers at the facility. The site is fenced with an electronic gate. Based on investigative activities being completed at the site, subsurface soils and groundwater have been impacted by past releases of chlorinated volatile organic compounds (VOCs) and metals.

The facility is being remediated in accordance with the Resource Conservation and Recovery Act (RCRA) Corrective Action program under the oversight of the United States Environmental Protection Agency (EPA). A groundwater extraction and treatment system has been in operation at the facility since 1990. As part of the overall project objectives, a property line groundwater migration control Interim Corrective Measure (ICM), which included additional wells and a new treatment system, was installed and has been in continuous operation since August 31, 2005. Refer to Figure 1 for the location of the groundwater system layout and the general site plan.

In March 2008, a final *Remedial Action Plan* (RAP) was prepared for the on-property conditions and submitted to the EPA. The selected remedy for the on-property conditions includes continued operation of the property line groundwater migration control treatment system, installation and operation of a sub-slab soil vapor control system beneath the existing building, and institutional controls. In a May 29, 2008 correspondence, the EPA acknowledged that the remedy meets the RCRA Corrective Action long term goals and satisfies the partial remedy decision criteria (CA-400). The sub-slab vapor control system was completed during the summer of 2008 and system start-up commenced on September 22, 2008.

A Stewardship Permit (DEP/HWM/CS-034-006) was issued for the site by the Connecticut Department of Energy and Environmental Protection (CTDEEP), effective September 29, 2009, that ended the interim status of the facility and requires long-term maintenance, monitoring and financial assurance obligations to ensure the facility's regulatory compliance. In accordance with the *RAP* and consistent with the December 2008 *Revised Operations, Maintenance, and Monitoring (OM&M) Plan* and the November 2009 *Draft Post Closure Plan*, this semi-annual status report has been prepared to document the activities performed as part of the remedy for the site (on-property) for the period of June 1 through November 30, 2013. This includes the operation, maintenance, and monitoring of the groundwater extraction and treatment system and the sub-slab vapor control system beneath the building.

A brief summary of the two systems is provided below.

1.1 GROUNDWATER MIGRATION CONTROL TREATMENT SYSTEM

The property line groundwater migration control treatment system operates continuously, twenty-four hours a day. This system treats VOC impacted groundwater from six recovery wells (RW-1 through RW-6). During the past six months (this reporting period), total flow rates averaged 14.0 gallons per minute (gpm) (instantaneous flow) and 10.2 gpm (actual, continuous flow with the recovery wells cycling). The main components of the treatment system include:

- Submersible groundwater extraction pumps in six recovery wells, with high/low water level shut off;
- Bag filters to reduce the levels of iron, manganese, and suspended sediments;
- Tray air stripper for VOC removal (air stripper unit includes blower and discharge transfer pump);
- Precipitate control through Redux 380 (sequestering agent) and a chemical feed pump;
- Two 1,000-pound granular activated carbon units to treat discharged air; and
- Control panels to operate the system, notify a master computer of any major alarm conditions, record air and water flow rates through the system, and transfer data to the master computer.

All equipment, with the exception of the submersible pumps and associated piping, is housed in a metal treatment building located adjacent to the main facility building (refer to Figure 1).

Since the start of the full system in August 2005, the system has been operational for 8 years and has removed approximately 2,820 pounds of VOCs. Monitoring of the system throughout the past six months has shown that the treatment system continues to perform effectively, meeting its operational goals and effectively treating the extracted groundwater. Further OM&M details are provided in the following sections.

1.2 SUB-SLAB SOIL VAPOR CONTROL SYSTEM

The sub-slab vapor control system currently operates continuously, twenty-four hours a day and is automated to provide notifications if the system (or any one blower) shuts down. The sub-slab system extracts VOCs from the air pockets between soil particles by creating a negative pressure field directly underneath the building in relation to the building's ambient pressure. Vapor extraction blowers and a series of sub-slab extraction points create the negative pressure field. VOC vapors beneath the slab are caught in this advective sweep, collected and piped to the rooftop for discharge to the outside atmosphere. In addition to preventing the migration of VOCs into the building, the system also facilitates the removal of contaminant mass from the subsurface. The system pulls soil vapor from 32 extractions points (EP-1 through EP-31 and VES-109) within two zones beneath the building. Refer to Figures 2 and 3 for the location of the extraction points and associated piping for the sub-slab system. The main components of the treatment system include:

- Five regenerative blowers, each housed in a wooden storage building on the roof of the facility; and
- Control panels to operate the system and to notify the master computer if a blower or the system shuts down.

Through the end of November 2013, the sub-slab vapor control system has operated for 5.1 years, removed approximately 551 pounds of total VOCs, and continues to effectively demonstrate a negative pressure differential beneath the building.

2. OPERATION AND MAINTENANCE

2.1 OPERATIONS

The operations component of the treatment system evaluation addresses the physical components of both systems, evaluating if the system components are continuously operating as designed. Monitoring that the systems are operational occurs on-site through field visits and remotely through the programmable logic controllers (PLC), utilizing the alarms set up through the PLC and Telog unit. The Telog unit communicates with the master computer, located in the Woodard & Curran office, to deliver major system alarms. Non-major system alarms are sent to the PLC panel located in the treatment building and are addressed during site visits. The following major alarm conditions are transmitted through the Telog unit to the master computer:

Alarm	Issue
A	Groundwater system shut down
B	Potential hydraulic containment issue (well pump shuts down)
C	Total flow in 24 hours exceeds permit conditions
D	One (or more) of the sub-slab system blowers shut down

Since commencement of both systems, monitoring to determine that they are operating continuously and as designed, has been performed remotely through the PLC and Telog unit and on-site through field visits. To meet the requirements of CTDEEP's General Permit for the groundwater migration control treatment system, sampling of the treated effluent has been performed on a monthly basis. A log of site visits for the systems, including monthly OM&M, is provided as Table 1.

During the past six months, Alarm B, C, or D conditions were not initiated. Alarm A, however, was activated on five conditions during this reporting period. Refer to Section 2.1.1 below for details pertaining to these alarms and Table 1 for details on maintenance activities. A summary of the monitoring results for the ground and sub-slab systems are presented in Sections 3 and 4, respectively.

2.1.1 Alarm Conditions

Alarm A, which occurs when the system shuts down due to power loss at the treatment building, air stripper blower failure, or transfer pump failure, was activated on the following occasions during this reporting period:

- June 1, 2013 – The alarm condition was initiated as the result of a power outage caused by a storm event (Saturday evening). The system was re-started on June 4, 2013; however after running for a short time after the field technician left the site, the breaker tripped and the system shut down again. The system was placed back in operation on June 6, 2013 and was down for a total of approximately 4.5 days for this alarm event.
- June 13, 2013 – The alarm condition was initiated as a result of a power surge when RW-2 shut down, tripping the system breaker. W&C personnel were onsite and restored the system within 15 minutes.
- June 20, 2013 – The alarm condition was initiated as the result of a piece of precipitate entering the air stripper and being pulled into the transfer pump. This caused an impeller fin in the transfer pump to break, throwing the pump off balance and causing it to shut down. The system was back operational on June 26, 2013 after pump repair and was down for approximately 5.7 days.
- September 25, 2013 – The alarm condition was initiated during the annual groundwater sampling event. A piece of debris was lodged in the filter of the totalizer. The system was operational later that day and was down for approximately 7.5 hours.

- November 24, 2013 – The alarm condition was initiated on November 24, 2013. Due to a blown fuse in the electrical panel, there was no communication with the Telog computer. The system was found to be down upon arrival to the site on November 27th. The fuse was repaired and the power was restored to the system with no issues. The system was operational on November 27, 2013 and was down for approximately 2.6 days.

During this monitoring period, the system was down a total of 13.2 days or approximately 7% of the time. However, the power failures and maintenance issues that caused the system to shut down were repaired and fixed as soon as possible. Refer to Table 1 for a summary of all OM&M conducted during this reporting period. Overall, since the start-up of the system in August 2005, the system has been operational approximately 97% of the time.

2.1.2 Vegetation Growth within Recovery Well RW-2

As previously discussed in the *August 2013 Semi-Annual Remedy Operation and Post Closure Status Report*, excessive vine/root growth has been observed in the RW-2 extraction well, suffocating the pump. This root growth has previously caused the pump to shut down, subsequently damaging the well pump.

An evaluation of the vegetation was conducted to evaluate options to address the root growth, including the source of the vines, how to address the source and re-occurrence, as well as the removal of the root growth in the well. On February 5, 2013, Bartlett Tree Experts collected a sample of the vegetation in the vicinity of RW-2 to determine what the vegetation was, but the results of the laboratory analysis were indeterminate. Additionally, Roto Rooter conducted a down-well video survey to evaluate where the roots may be entering the well and to assess potential removal options. From this assessment, it was determined that the roots were not entering the well screen from the top 12 feet of well screen above the natural water table elevation.

On April 24, 2013, Bartlett Tree Experts removed all shrubs, weeds, vines, and poison ivy along the fence line by RW-2. They followed up on May 28th with the application of a commercial-grade herbicide to prevent re-growth. A supplemental herbicide application was applied by Bartlett during this reporting period on August 20, 2013. During this monitoring reporting, Woodard & Curran personnel removed the RW-2 well pump every two to three months to evaluate the presence of any root growth and remove it, as necessary. During the August 2013 O&M visit, no growth was observed around the well pump.

2.2 MAINTENANCE

Groundwater System

Routine maintenance has been performed during each site visit. The most frequent maintenance activities for the groundwater system completed during this reporting period included cleaning and flushing of lines and general up-keep of well pumps, the transfer of pump and valve, flow meters and level control probes. The probes on pumps RW-2, RW-5, and RW-6 were cleaned and inspected for fouling. During the September O&M visit, a piece of precipitate entered the air stripper and clogged the transfer pump. This resulted in a broken impeller fin and the shut-down of the system. No other treatment equipment issues or alarm conditions resulted during this reporting period due to precipitate build-up. Other than this occurrence, the chemical addition system continued to operate effectively, reducing the build-up of the calcium precipitate and assisting in the removal of any existing precipitate. The pump in RW-2 was removed and inspected for vegetation during the August 2013 O&M visit; none was found.

Sub-slab System

During this reporting period, each of the main lines of the sub-slab system were inspected to check for leaks; however, no maintenance was required or performed over the past six months.

3. GROUNDWATER MIGRATION CONTROL – MONITORING

Monitoring of the groundwater migration control system is performed to ensure the system is working effectively in achieving the system objectives. These objectives are to: 1) prevent migration of groundwater to off-property receptors at levels in excess of the applicable criteria; 2) reduce the mass of contaminants in the former MFA and Lagoon Area by extracting groundwater adjacent to these areas; and 3) treat the extracted groundwater to meet the discharge permit conditions. At a minimum, monitoring the system's performance occurs remotely on a weekly basis through the PLC/Telog unit and through site visits on a monthly basis. The Telog unit communicates with the master computer, located in the Woodard & Curran office, to download measured air flow rates and pump operation schedules. The monitoring activities are presented under hydraulic monitoring, discharge monitoring, and groundwater monitoring and are discussed in the following sections.

3.1 HYDRAULIC MONITORING – CAPTURE ZONE ANALYSIS

The evaluation of the extraction system's ability to control the migration of the dissolved VOC plume in groundwater within the property boundary continues to be conducted in general accordance with the EPA guidance on evaluating capture zones at pump and treat systems (EPA, 2008)[1]. Each of the steps identified for systematic evaluation of capture zones is integrated into the routine monitoring and system evaluation. The following provides the section(s) in this report, or references previous documents, where the information can be obtained.

Step 1 – Review of site data, conceptual site model (CSM), remedy objectives

- Refer to the March 2008 *RAP* and June 2009 *RAP Completion Report* for historical data, including well construction details and remedial action objectives; and to the updated CSM provided in the January 2014 *Off-Property Investigation Summary Report*. On-property groundwater data collected since these submittals are presented in Section 3.3.

Step 2 – Define site specific target capture zone

- As discussed above, the property boundary is the site specific target capture zone for VOCs and inorganics in groundwater in excess of the applicable CTDEEP Remediation Standard Regulations (RSRs); further discussion on the extent of groundwater impacts is discussed in Section 3.3.

Step 3 – Interpret water levels

- Data from the past 6 months is provided and discussed in this section.

Step 4 – Perform calculations

- A discussion on the calculated drawdown across the site is presented in this section.
- Calibration of the groundwater model for the site was performed at the end of the first year of operation (after the upgrade in 2005). Particle tracking results were last presented in the March 2008 *RAP*.

Step 5 – Evaluate concentration trends

- Refer to Section 3.3 for a discussion of concentrations of constituents in groundwater over time.

Step 6 – Interpret actual capture based on Steps 1 through 5, assess uncertainties and data gaps

- Throughout this Section and summarized in Section 7.

[1] EPA/600/R-08/003 January 2008, A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems

To evaluate the effectiveness of the groundwater extraction system in meeting its objectives (as discussed above), the depth to groundwater at select wells across the site was gauged during each scheduled monthly site visit. The wells monitored each month are illustrated in Figure 1 with blue font (assuming entry into the building and/or the respective well was accessible on the gauging day). A summary of monthly groundwater level (depth to water) measurements collected since the start of the system is provided in Appendix A.

3.1.1 Site-wide Groundwater Elevation

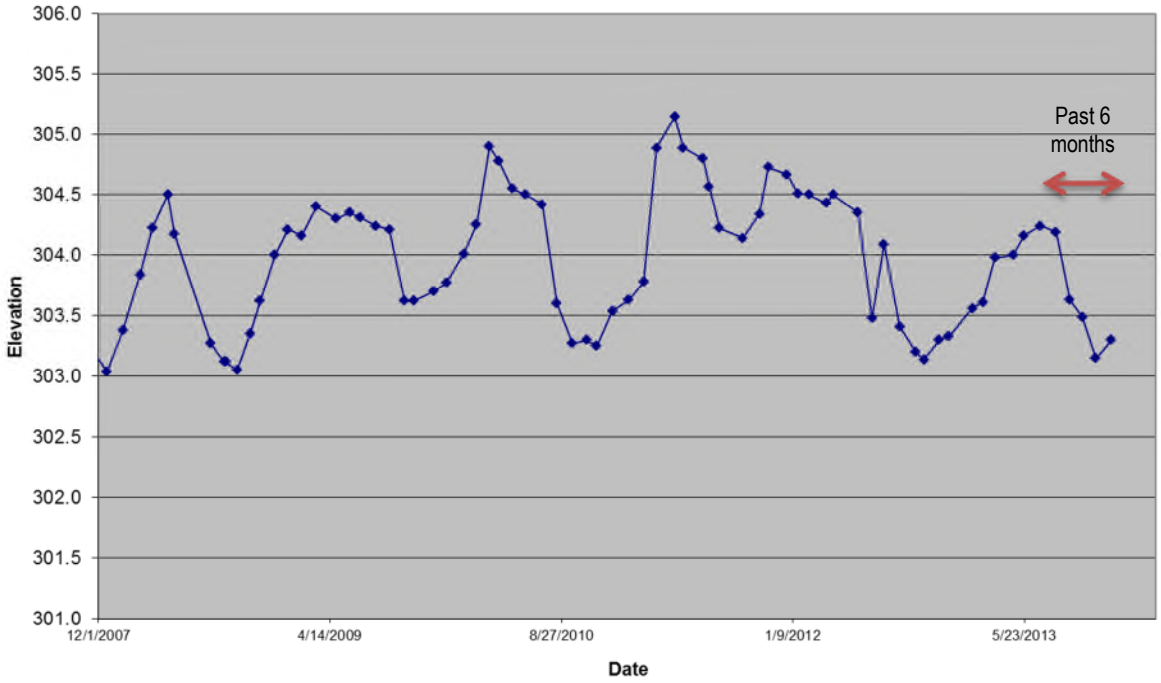
On September 20, 2013, an area-wide groundwater gauging event was conducted of all accessible wells. Depth to water was measured at all accessible monitoring and recovery wells at the site and accessible off-property wells and piezometers. The wells measured include the six active recovery wells (RW-1 through RW-6), 45 on-property monitoring and/or former recovery wells, 26 off-property monitoring wells, and five newly installed piezometers associated with the off-property investigation activities. Water level and elevation data for the September 2013 comprehensive event, as well as annual data collected since 2002, are presented on Table 2.

An approximate configuration of the water table surface based on the September 2013 measuring event is depicted on Figure 4. As illustrated on this figure, consistent with historical measurements, shallow groundwater generally flows in a northerly direction across the Site from the topographic high south of the facility towards Augusta Drive. The measured water levels also show the influence of the on-property recovery wells with groundwater flowing to the six recovery wells. Although the calculated well losses (discussed below in Section 3.1.2, ranging from 0.1 to 1.2 feet) from the on-property recovery wells have not been depicted on the groundwater elevation contour map, the impact on the contour is minimal and does not change the depiction, nor the conclusions. The figure supports the contaminant migration control of the plume on-site with groundwater flow along the property boundaries, where impacted groundwater is present, inferred towards the six recovery wells. Further discussion on drawdown is provided below.

Leaving the former Risdon property, groundwater hydraulic gradients flatten out and influences from the Still River to the west and wetlands area to the east are evident. Groundwater flow shifts to a northwesterly to westerly direction along Augusta Drive with the Still River being the predominant discharge area for localized groundwater (see Figure 4). Further north, on the 9 Finance Drive property, groundwater flow (from 2005) was shown to be to the north and west, towards the Still River, further demonstrating that the river and the hydrogeologic features (higher topographic areas in the vicinity) play a significant role in area-wide hydrologic conditions.

Over the past few years of system operation, the change in groundwater elevation seasonally ranges up to 2 feet, as depicted on Figure 5a below (which presents the groundwater elevation at upgradient monitoring well MW-1). As this well is not influenced by the groundwater migration system, it represents the natural seasonal fluctuation of groundwater levels over time. The change in groundwater elevation at upgradient monitoring well MW-1 rose 1.1 feet over the past 6 months.

Figure 5a
Groundwater Elevation at Upgradient Monitoring Well MW-1



3.1.2 Drawdown – Recovery Wells

Average drawdown of the six on-property recovery wells has fluctuated over time, shifting seasonally based on precipitation and the resulting groundwater and Still River water levels. Now that maintenance issues at RW-2 and RW-5 have been resolved, the average drawdown at the six recovery wells over the past six months has fluctuated no more than 0.3 feet between monitoring events (refer to Figure 5b). Water levels at individual recovery wells (as illustrated on the chart provided as Figure 5c) have remained consisted over the past reporting period and are generally consistent with historical data (excluding any alarm conditions).

FIGURE 5b
AVERAGE DRAWDOWN AT RECOVERY WELLS

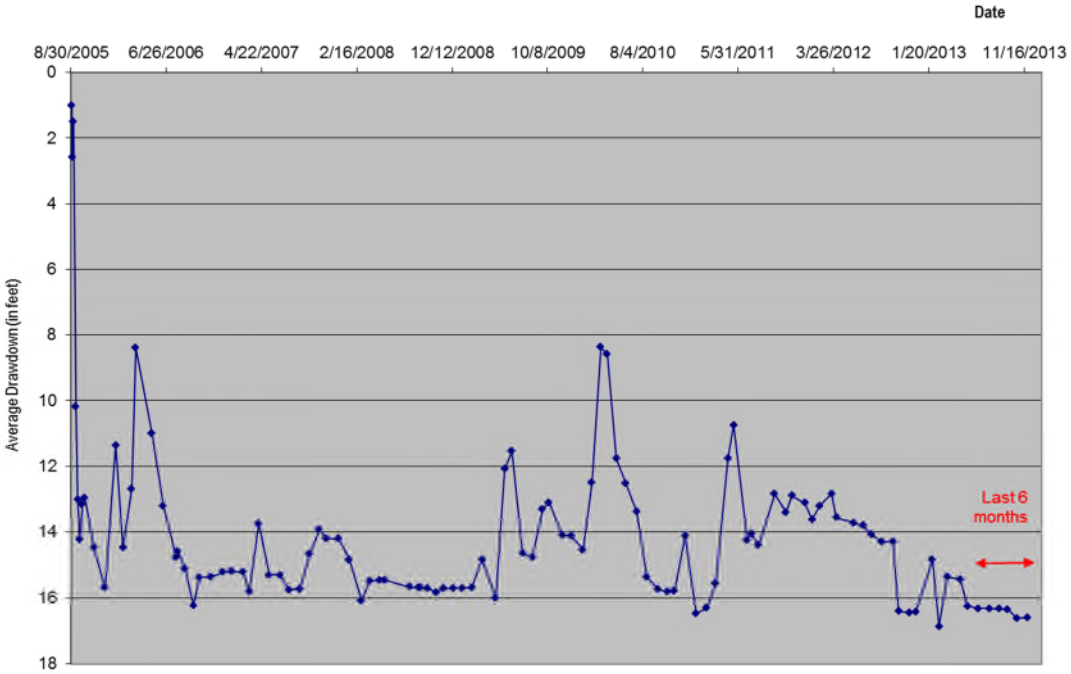
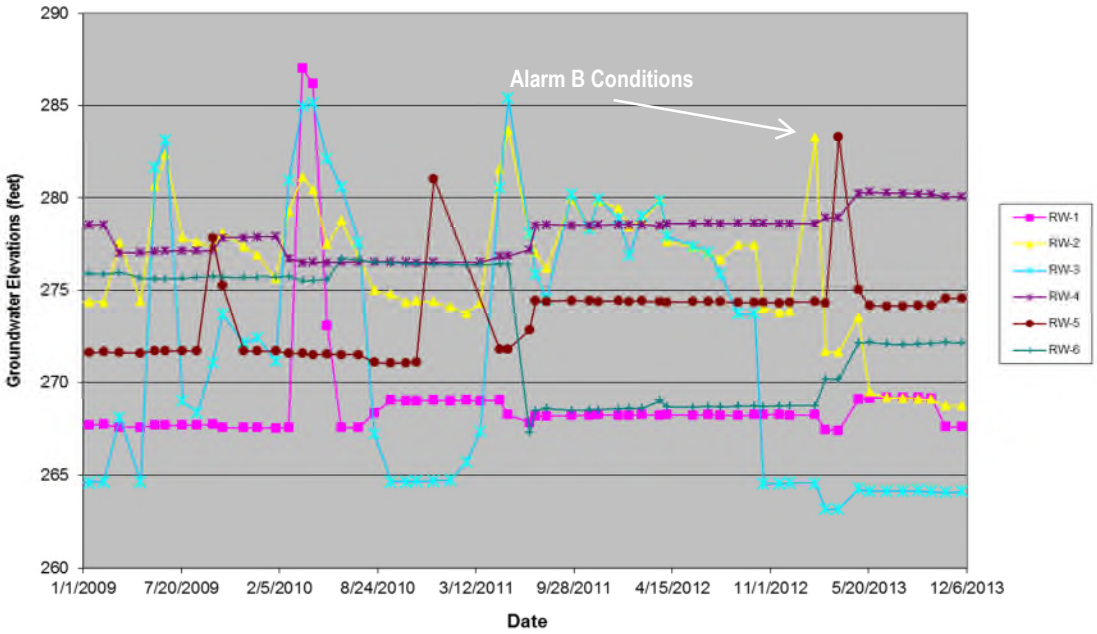


FIGURE 5c
GROUNDWATER ELEVATIONS - RECOVERY WELLS



Recovery wells RW-1 through RW-3 downgradient of the former Lagoon Area continued to extract the largest volume of water compared to the other three recovery wells downgradient of the former MFA. Of note, the percentage of total flow contribution from RW-3 increased during this reporting period. While the elevation of the river does impact water levels on the western side of the site (primarily during the seasonally high water table months in the spring), the recovery well pumps work continuously to achieve drawdown in the area. While more obtainable in the low water table months (fall), this condition is demonstrated with the surrounding water levels at nearby monitoring wells (October 2013 data in table below) that show a hydraulic gradient that is directed towards the extraction wells as the groundwater elevation at the recovery wells is over 11 feet below that of the surrounding monitoring wells.

Well	Groundwater Elevation (ft)
RW-3	264.09
MW-14	286.95
MW-11	285.95
MW-10	286.06
RW-2	268.72
MW-3	287.98
MW-9	286.97
MW-10	286.06

In accordance with the recommendations outlined in the EPA guidance on evaluating capture zones at pump and treat systems (EPA, 2008)[1], a calculation of estimated well loss from the recovery wells to the geologic formation on drawdown was performed. The estimated well loss was calculated utilizing the available step test data for recovery wells RW-4, RW-5, and RW-6 (during the pumping tests performed in 2003; note step test data is not available for RW's 1, 2, and 3). Based on the calculations, average operational flow rates (when pumping) resulted in a well loss ranging from 0.1 feet (RW-6) to 1.2 feet (RW-5). Given the drawdown within these wells, the estimated well loss will not modify any of the conclusions drawn regarding well capture.

3.2 TREATMENT SYSTEM DISCHARGE MONITORING

The extracted groundwater is treated and discharged in accordance with a certificate of registration issued by the CTDEEP to Crown Risdon under the General Permit for the Discharge of Groundwater Remediation Wastewater to a Sanitary Sewer. The receiving facility is the City of Danbury Water Pollution Control Plant. Information regarding the site-specific registration is as follows:

- Site No. – 34-021
- Permit No. – GGR001441
- Initially Issued – March 4, 2005
- Re-issued – April 18, 2008
- Expires – February 15, 2018

As part of the General Permit, specific discharge monitoring activities are required and have been conducted as described in the following sections.

3.2.1 Effluent Flow Rate

During this reporting period, the total flow rate with all wells operational (i.e. not cycled off) averaged 14.0 gpm. The average overall flow rate (incorporating well pump cycling due to drawdown and system down time) has averaged 10.2 gpm during the past six months. There has been no violation of the General Permit daily discharge volume (50,000 gallons per day) since the system started. The total volume of water treated and discharged through November 30, 2013 is approximately 42.9 million gallons. See Table 3 for a summary of the total flow treated and discharged during each Discharge Monitoring Report (DMR) reporting period.

The following table presents the average flow rate and the percentage of time each pump was operating between June 1 and November 30, 2013. In addition, the total flow extracted since system startup is presented, with the percentage of flow that each well contributes to the total extracted. Note that the system is designed for the well pumps to operate on a cyclic basis depending on the depth of water within the well. The recovery wells downgradient of the former Lagoon area continue to contribute the largest percentage of the total extracted flow over the last 6 months, demonstrating the differences in hydraulic conductivity of the two main areas on-site.

	Average Flow Rate *(gpm)*		**Total Flow**		
	Instantaneous [1]	Average throughout period [2]	**Percentage of Total Flow**		
	(June through November 2013)		Since system startup	May through November 2013	Since system startup
RW-1	1.8	1.3	7.0M	13%	16%
RW-2	4.2	3.5	18.6M	34%	44%
RW-3	4.0	4.2	9.0M	41%	21%
RW-4	1.2	0.1	1.0M	1%	2%
RW-5	1.6	0.9	3.0M	9%	7%
RW-6	1.3	0.2	4.3M	2%	10%
TOTAL	14.0	10.2	42.9		

Note: 1. Average flow rate as measured at the well when the pump is operational and not cycling (pumps are set to cycle on/off depending on drawdown in well); note that this calculation does not include monitoring events when pump was down for maintenance.
2. Average flow rate as measured at the well pump incorporating well pump cycling.

3.2.2 Discharge Sampling and Analysis

Grab samples of the treated effluent water have been collected monthly and analyzed by a certified laboratory for total VOCs (EPA Method 8260B) and measured in the field for pH on a monthly basis in accordance with Section 6(a) of the General Permit. In addition, treated effluent water was collected for 13 priority pollutant metals and total and amenable cyanide and hexavalent chromium on September 25, 2013. The June 2013 treated effluent (and influent) water sample was inadvertently not picked up by the lab courier within the holding time. As there has never been an exceedance of the permit limits and it was into the next month (July), a supplemental sample was not collected after recognizing the issue.

Upon receipt of the monthly monitoring results, the CTDEEP Discharge Monitoring Report Form (DEP-WD-DMR-007) was completed for each sampling event and a copy submitted to the City of Danbury Water Pollution Control Plant. Table 4 presents a summary of detected VOCs in the treated effluent, Table 5 provides the effluent inorganic results since system startup, and a copy of the analytical reports is provided in Appendix B.

There have been no violations of the General Permit since the start of system operation; total VOCs in the effluent were below 5 milligrams per liter (mg/L), pH levels were between 5 and 9 standard units, and detected inorganics (antimony, arsenic, copper, cyanide, and zinc) were below general permit discharge limits. Refer to Table 6 for a summary of pH levels measured during monthly monitoring.

Monitoring of the air flow through the air stripper continues to be performed remotely on a weekly basis to evaluate if the air stripper is providing the desired removal efficiency. Average weekly air flow rates through the stripper (while system is operating) ranged from 384 to 443 (cfm) during the past six months of operation (design flow at or above 320 cfm for 99% removal efficiency), demonstrating that the treatment system is operating effectively to adequately remove VOCs prior to discharge to meet the General Permit requirements.

3.2.3 Influent Water Sampling and Analysis

The untreated influent water was sampled on one occasion (September 25, 2013) during the past six months of operation for analysis of VOCs, 13 priority pollutant metals, total and amenable cyanide, and/or hexavalent chromium. These results are summarized in Table 7 (VOCs) and Table 8 (Inorganics). Refer to Appendix B for the monthly system and combined influent and treated effluent analytical data reports.

The most frequent VOCs that continue to be detected in the untreated influent include 1,1,1-Trichloroethane (1,1,1-TCA), 1,1-Dichloroethane (1,1-DCE), cis-1,2-Dichloroethene (cis-1,2-DCE), Tetrachloroethene (PCE), and Trichloroethene (TCE). The total VOC levels detected in the influent in September 2013 was 7.02 mg/L. While total influent concentrations have reduced since the start of the system in 2005, current levels are consistent with those measured during the past few years, maintaining a level below 10 mg/l since late in 2009. A summary of the influent and effluent VOC and pH data at the time of sample collection is presented on Table 6. Copper and total cyanide were the only inorganic analytes detected in the influent sample during this reporting period.

To evaluate the treatment system's efficiency during the past six months of system operation, the untreated influent sample results are compared to the treated effluent sample results. Since the effluent results over the past six months have been non-detect, the system is operating at 100% VOC treatment efficiency for this reporting period. Utilizing the average flow rate and the total influent VOC concentration, the groundwater migration control system has removed an estimated 2,820 pounds of VOCs since the start of the enhanced system in August 2005.

3.2.4 Air Discharge Monitoring

Based on the design flow rate and anticipated concentrations of constituents for the groundwater treatment system, the untreated VOC emissions to the atmosphere from the air stripper were estimated to be less than two tons per year. As a result, an air permit is not required for this system. In addition, based on the design groundwater and air flow rates to the stripper and the location of the treatment system, it has been determined that the emissions from the air stripper, without treatment, would be in compliance with the Connecticut Hazardous Air Pollutant (HAP) regulations.

However, as a best management practice and based on previous discussions with EPA, two 1,000-pound vapor phase granular activated carbon units, operated in series, have been installed to treat the exhaust from the air stripper. The total organic vapor (TOV) concentration entering and exiting the carbon units as measured with a photoionization detector (PID) were non-detect during this reporting period.

3.3 GROUNDWATER QUALITY MONITORING

Groundwater quality monitoring has been conducted on-site since 1981 as part of: closure and post-closure activities relating to the former surface impoundments; ICM performance monitoring; and overall RCRA Corrective Action activities being performed at the site. In December 2001, a Baseline Groundwater Monitoring Report and Revised

Groundwater Monitoring Work Plan was prepared and implemented to standardize the groundwater monitoring program going forward from that point in time. This program consisted of quarterly sampling and analyses of 10 monitoring wells for inorganics and annual sampling of 13 monitoring wells for VOCs. Based on the 2002 quarterly sampling results, the program was revised to annual sampling for both inorganics and VOCs from these same wells. Annual sampling activities have been conducted since September 2003.

In September 2008, EPA issued a YE status code for Environmental Indicator CA750 Migration of Contaminated Groundwater Under Control. As part of this finding, the monitoring program was modified beginning in 2009 to a semi-annual program with an additional monitoring event at select wells along the periphery of the site in March of each year. Refer to the December 2008 *Revised OM&M Plan* and the November 2009 *Draft Post Closure Plan* for details on the updated groundwater monitoring program. The 2013 semi-annual groundwater sampling event was conducted from September 23 to 25, 2013, with additional sampling conducted on October 15, 2013. Further details are provided below.

3.3.1 DNAPL Monitoring and PID Headspace Measurements

The presence of dense non-aqueous phase liquid (DNAPL) was monitored in each of the monitoring and recovery wells measured during the September 2013 gauging event. As the interface probe was lowered through the water column in each well, it was monitored for the presence of DNAPL. The probe did not indicate the presence of DNAPL in any of the monitoring wells measured.

Headspace readings were measured in 43 monitoring and former recovery wells using a PID equipped with an 11.7 electron-volt (eV) lamp and recorded at 30 second intervals from 0 to 90 seconds. TVOC headspace readings were detected in five of the 43 wells, with the highest TVOC concentrations measured at MW-111 (26.7 ppmv) and MW-8 (13.0 ppmv). A summary of the TVOC headspace readings are presented on Table 9.

3.3.2 Groundwater Sample Collection

During the September/ October 2013 semi-annual groundwater sampling event, groundwater samples were collected from 16 CA750 monitoring wells, consisting of three off-property monitoring wells (MW-14, MW-15M, 2ONR-MW-1A) and eight monitoring wells along the property line boundary (MW-3, MW-11, MW-111, MW-112, MW-113, MW-508, MW-508C and MW-601B). Groundwater samples were analyzed for VOCs via EPA Method 8260C with CT Reasonable Confident Protocols (CT RCP), total cyanide, and/or the 13 priority pollutant metals. It is also noted that additional off-property monitoring wells were also sampled at this time as part of the off-property investigation work, including, five Still River piezometers and six off-property monitoring wells (August Drive). Refer to the January 2014 Off-Property Investigation Report for details pertaining to the piezometers and August Drive monitoring well sampling results. The following table provides the analyses performed for each monitoring well. The locations of the wells are shown on Figure 1.

September 2013 Semi-Annual CA750 Groundwater Quality Monitoring Analytical Testing Summary

Monitoring Well	VOCs	Total Cyanide	13 Priority Pollutant Metals
	CT RCP 8260C		
CA 750 Monitoring Wells			
MW-1	X	X	
MW-2	X	X	
MW-3 (1)	X	X	X
MW-8	X	X	X

Monitoring Well	VOCs CT RCP 8260C	Total Cyanide	13 Priority Pollutant Metals
MW-9	X		
MW-10 (2)	X	X	X
MW-11	X	X	X
MW-14	X	X	
MW-15M	X	X	X
MW-111	X	X	X
MW-112	X		
MW-113	X	X	X
MW-508	X	X	
MW-508C	X	X	
MW-601B	X	X	X
2ONR-MW-1A	X	X	X
SUBTOTAL	**16**	**14**	**9**
Duplicates	2	2	1
Equipment Blanks	3	2	2
Trip Blank (2)	1	0	0
TOTALS	**22**	**18**	**12**

Notes:

1. MS/MSD collected during the September sampling event.
2. Obstruction noted in well – requires use of the micro-bladder pump.

To determine if representative groundwater samples were being collected, all of the monitoring wells were purged and sampled consistent with the updated 2010 USEPA Region 1 low stress (low flow) purging and sampling techniques. Groundwater was removed from all monitoring wells using a QED bladder pump and controller with dedicated Teflon tubing for the water line and dedicated low density polyethylene tubing for the air line.

Groundwater was pumped from a fixed intake at a rate of 60 to 220 milliliters (mL) per minute until drawdown in the well was stabilized, in order to minimize stress and disturbance in the well and surrounding aquifer. The location of the fixed intake point in each monitoring well was placed at the approximate midpoint of the saturated well screen in the case of monitoring wells with screen lengths of 10 feet or less. For wells with screen lengths longer than 10 feet, the intake depth was positioned at the midpoint of the bottom 10 feet of screen.

Whenever possible, all monitoring wells were purged until pH, specific conductance, dissolved oxygen, temperature, oxidation reduction potential, and turbidity values of the discharge stabilized to within the desired limits. Once purging was complete, groundwater was collected into the appropriate sample bottles, depending on the required analysis. After collection, the groundwater samples were placed on ice, logged on a chain-of-custody form and transported to Alpha Analytical (Alpha) in Westborough, Massachusetts.

3.3.3 Groundwater Field Chemistry Results

The stabilized readings of the field chemistry parameters (pH, specific conductance, temperature, oxidation reduction potential, turbidity, and dissolved oxygen), obtained just prior to groundwater sample collection, are presented in Table 10, along with the depth of the fixed intake point and the pumping rate at sample collection.

The range of field chemistry parameters for this reporting period are summarized below:

- pH→ 5.5 to 7.2 standard units
- Oxidation reduction potential (Eh values) → -17 to 226 millivolts (mV)
- Specific conductance → 0.39 to 2.48 millisiemens per centimeter (at 25 Celsius [°C])
- Dissolved oxygen → 0.00 to 4.2 milligrams per liter (mg/L)
- Turbidity → 0.91 to 91.0 nephelometric turbidity units (NTU)
- Water temperature → 11.6 to 21.9°C

Field chemistry parameters for individual wells were generally within the range of values measured historically.

3.3.4 Groundwater Analytical Results

The laboratory analytical results for the on-site and CA750 monitoring wells sampled as part of the September/ October 2013 semi-annual groundwater monitoring event are discussed below and summarized in Table 11 (Inorganics) and Table 12 (VOCs). Refer to Appendix C for the groundwater analytical data reports.

For general comparison purposes and given there are no uses of groundwater in the area (drinking or other uses), the recent data was screened against the CTDEEP RSR Industrial/ Commercial (I/C) Volatilization Criteria and SWPC. As detailed in the 2014 Off-Property Report, the area-wide groundwater monitoring program will be updated in 2014 to incorporate key off-property monitoring locations. With respect to the SWPC, the specific remedial action objective is to prevent migration of groundwater to surface water at concentrations in excess of the SWPC. Given that additional wells have been installed further downgradient as part of the off-property work, the points of compliance wells for the SWPC evaluation will be adjusted (following EPA review and approval of the proposed wells as provided in the January 2014 Off-Property Report). However, for consistency with previous semi-annual reports, the previous wells used in the comparison to the RSRs have been maintained in this submittal. Moving forward, pending EPA review and approval of a proposed list of off-property wells for future monitoring, additional off-property wells may be included into the semi-annual sampling program and incorporated into these semi-annual remedy operation reports, accordingly.

3.3.5 Inorganics

Fourteen of the sixteen CA750 wells were sampled for inorganics during the September/ October 2013 semi-annual groundwater sampling event. Similar to VOCs, inorganics are generally detected at the highest concentrations in the source area (primarily the former MFA, RVW-108A) and immediately downgradient (MW-601B, MW-113). It is noted that concentrations of inorganics are notably lower in the former Lagoon Area compared to the MFA. Plots provided in Appendix D illustrate the decrease in copper, nickel and zinc concentrations over time at property line monitoring wells downgradient of the former MFA, demonstrating the effectiveness of the on-property groundwater migration control system in reducing concentrations over time. Further, concentrations of cyanide at the one location where cyanide is detected above the SWPC (MW-15M, located immediately off-property), have also decreased and similar to VOCs at this location, are at the lowest to date (plot also included in Appendix D).

Exceedances of the SWPC in CA750 off-property/ property boundary wells during this recent monitoring event include the presence of cyanide at MW-15M and copper and zinc at MW-113 and MW-601B. It is noted that the concentration of copper in MW-3 and MW-11 immediately adjacent to recovery wells RW-1 through 3 downgradient of the former Lagoon Area have dropped below (and remained below) the SWPC over the past year.

3.3.6 VOCs

The chlorinated VOC results from the groundwater samples collected in September 2013 are summarized in Table 12. The following six VOCs continue to be the most frequently detected compounds above the laboratory's minimum reporting limits: 1,1-DCA, 1,1-DCE, cis-1,2-DCE, PCE, 1,1,1-TCA, and TCE. Along the property boundary and just across Old Newtown Road, concentrations of VOCs at MW-111, MW-15M and MW-601B have continued to be consistent with the previous few monitoring events, generally showing a decreasing trend. On the opposite spectrum, within the former Lagoon Area, concentrations of chlorinated VOCs at MW-8 increased during this monitoring event with the lowered water table elevation. This is consistent with the 2010 and 2012 sampling data at this location, as the concentration of VOCs fluctuated due to the groundwater elevation, with the highest concentrations of VOCs corresponding with the lowest water table elevation, suggesting that the majority of residual mass in this area is in the lower portion of the well screen interval.

For general comparison purposes and given there are no uses of groundwater in the area (drinking or other uses), the recent data was compared to the CTDEEP RSR SWPC and Industrial/ Commercial (I/C) Volatilization Criteria. With regard to the SWPC, an exceedance was measured in six of the property boundary wells sampled for VOCs (MW-3: TCE; MW-11: 1,1-DCE; MW-111: PCE and TCE; MW-112: TCE; MW-508C: 1,1-DCE, PCE, and TCE; and MW-601B: 1,1-DCE and PCE), consistent with historical data. No exceedances of the SWPC were detected in the three CA750 monitoring wells located off property (MW-14, MW-15M, and 2ONR-MW-1A).

With regards to vapor intrusion, the recent CA750 data was compared to the CTDEEP RSR I/C Volatilization Criteria. Exceedances of the CTDEEP RSR I/C Volatilization Criteria were detected for 1,1-DCE, PCE, and 1,1,1-TCA (2 locations), and TCE (10 locations). Operation of the sub-slab vapor control system for the facility building and at the two adjacent residences (2 Broad Street and 2 Old Newtown Road) have been implemented to eliminate the vapor intrusion to indoor air pathway to potential current receptors and an environmental land use restriction is in the process of being recorded, as part of the on-property remedial action, to restrict any new buildings in other areas of the property with Volatilization Criteria exceedances.

3.3.7 Summary of the September 2013 Semi-Annual Groundwater Monitoring

Typical of years past, some minor fluctuation from one sampling event to the next has been observed over time, primarily as a result of seasonal groundwater fluctuation. The September 2013 groundwater results are generally consistent with those detected in previous years, with concentrations of inorganics and VOCs generally consistent or decreasing off-property and along the property boundary. These results, coupled with the groundwater hydraulics, demonstrate that the groundwater extraction system continues to influence groundwater migration and contaminant reduction. In September 2008, EPA concluded that the Environmental Indicator CA750 Migration of Contaminated Groundwater Under Control has been achieved. The analytical data presented herein demonstrates the effectiveness of the groundwater migration control system and that migration of contaminated groundwater has stabilized and is under control. As part of that condition, groundwater monitoring activities will be continued to monitor conditions over time.

3.4 DEVIATIONS FROM OM&M PLAN

The following provides a summary of any deviations or additions to the O&M activities conducted on-site during the past six months:

- Due to the vegetation growth within recovery well RW-2, additional O&M activities have been incorporated. As discussed above, these include the removal of the well pump at RW-2 every few months and the removal of any root growth, as necessary, as well as the evaluation of the potential use of surficial and in-well herbicide treatment.

Monthly site visits will continue to be performed to monitor the system's effectiveness (e.g., effluent sampling, groundwater levels, etc.) in accordance with the OM&M Plan during the next reporting period. The next groundwater sampling event is scheduled for March 2014.

4. SUB-SLAB VAPOR CONTROL SYSTEM – MONITORING

As discussed in Section 1.2, the sub-slab vapor control system currently operates continuously, twenty-four hours a day and is automated to provide notifications if the system (or any one blower) shuts down. The sub-slab system extracts VOCs from air pockets between soil particles by creating a negative pressure field directly underneath the building in relation to the building's ambient pressure. Vapor extraction blowers and a series of sub-slab extraction points create the negative pressure field. VOC vapors beneath the slab are caught in this advective sweep, collected and piped to the rooftop for discharge to the outside atmosphere. In addition to preventing the migration of VOCs into the building, the system also facilitates the removal of contaminant mass from the subsurface. The system pulls soil vapor from 32 extractions points (EP-1 through EP-31 and VES-109) within two zones beneath the building. Refer to Figures 2 and 3 for the location of the extraction points and associated piping for the sub-slab system.

Installation of the sub-slab vapor control system beneath the building was completed during the summer of 2008 and system start-up commenced on September 22, 2008. The sub-slab vapor control system has been operational for 5.1 years and is monitored on a monthly basis to evaluate the effectiveness of the sub-slab system in meeting the overall objectives of the system, with routine monitoring having started in October 2008. The monthly and quarterly routine activities include monitoring of the five blowers, the 32 extraction points and up to 26 existing vapor probes (depending on accessibility). The following presents the monitoring results from June 1 through November 30, 2013.

4.1 MONTHLY AND QUARTERLY MONITORING

Monitoring of the sub-slab vapor control system has been conducted over this reporting period and consists of checking the vacuum, flow, and/or total VOC concentrations (via PID) at equipment closures on a monthly basis and at the extraction and vapor points on a quarterly basis. The following presents a summary of the vacuum, flow and total VOC (PID) results from the monthly and quarterly monitoring between June 1 and November 30, 2013. O&M visits were conducted on June 26, July 30, August 29, September 25, October 24, and November 27, 2013. Refer to Appendices E and F for a summary of the field monitoring results for the extraction and vapor points, respectively.

4.1.1 Vacuum

Vacuum at the extraction points and vapor probes is monitored to verify that the system operational configuration of the extraction points is meeting the design objectives. Vacuum has been measured on a quarterly basis during this reporting period (June 26 and September 25, 2013); refer to Appendices E and F for vacuum measurements recorded at the extraction points and vapor probes, respectively. Over the past six months, measurable vacuum has been observed at all monitoring locations with the exception of vapor probes: SV307, SV310, and SV312 in the western corner of the building (Zone 2); and SV306 and SV317 in Zone 3. These results are consistent with historical monitoring data. Vacuum is not anticipated to be measured in Zone 3 locations as the system does not extend in these areas (an approximate 4,200 square foot (sf) area in the northeast corner of the building and a 10,800 sf area in the southwest corner of the building). TVOC-PID measurements from the extraction points within this portion of Zone 2 (SV307, SV310, and SV312) were non-detect during this time, demonstrating that there is not a significant amount of mass in this area.

4.1.2 Flow

Flow measurements have been measured at the blower influent and effluent and at each of the extraction points. Current blower flow rates (through September 2013) ranged from 110 to 149 scfm for all five blowers; and while consistent with measurements from the past year, it is a decrease from the early years of system operation. Flow from the extraction points ranged from 9.4 scfm (EP-21 – Zone 1, Blower 4) to 43.8 scfm (EP-15 – Zone 1, Blower 3) over the past six months, consistent with prior measurements. Refer to Appendix E for flow measurements.

4.1.3 Total VOC Results

Total VOCs are measured with a PID at various equipment enclosures, extraction points, and accessible vapor probe points on a monthly or quarterly basis. Monthly TVOC-PID results of the effluent of the five blowers are summarized on Table 13. Total VOC concentrations were highest during system start-up (up to 18.8 ppmv, Blower 1 in 2008), then have declined across all blowers, with levels at or below 0.3 ppmv over the past 12 months for all five blowers. The highest concentration during this monitoring period was measured at Blower 3 at 0.3 ppmv.

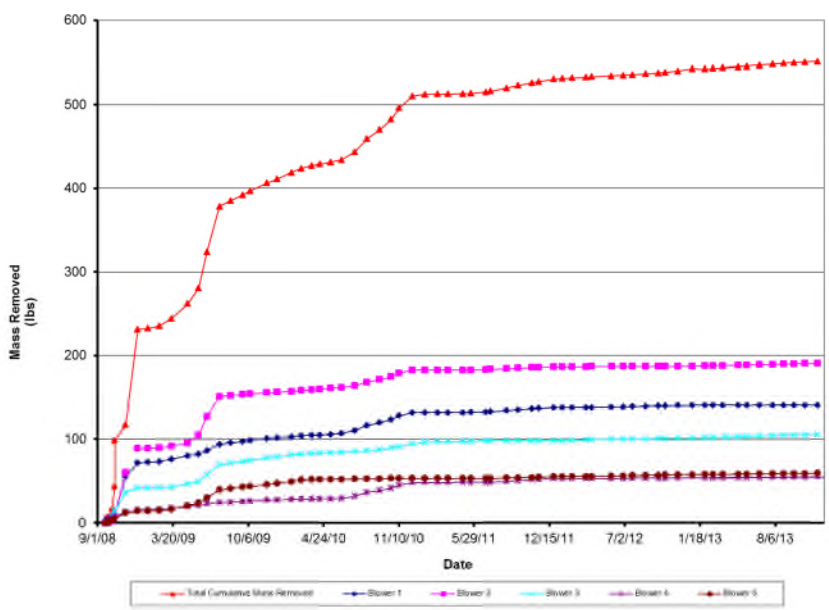
TVOC-PID levels were monitored at the extraction points and vapor probes on a quarterly basis during this reporting period. Refer to Appendixes E and F for a summary of historic field data collected for the extraction points and vapor probes, respectively. The TVOC-PID levels at both the extraction points and vapor probes have dropped significantly since the first couple of months of system operation and have remained relatively consistent with the exception of some seasonal fluctuations due to changes in the water table elevation. During this reporting period, all TVOC-PID measurements were non-detect at the vapor probes (Appendix F). Similarly, the TVOC-PID levels at the individual extraction points were low, with all locations less than or equal to 0.2 ppmv (Appendix E).

In accordance with the December 2008 *Revised OM&M Plan*, monitoring of the TVOC-PID from the blowers will continue to occur on a monthly basis and at the extraction points and vapor probes on a quarterly basis during system operation.

4.2 MASS REMOVAL EVALUATION

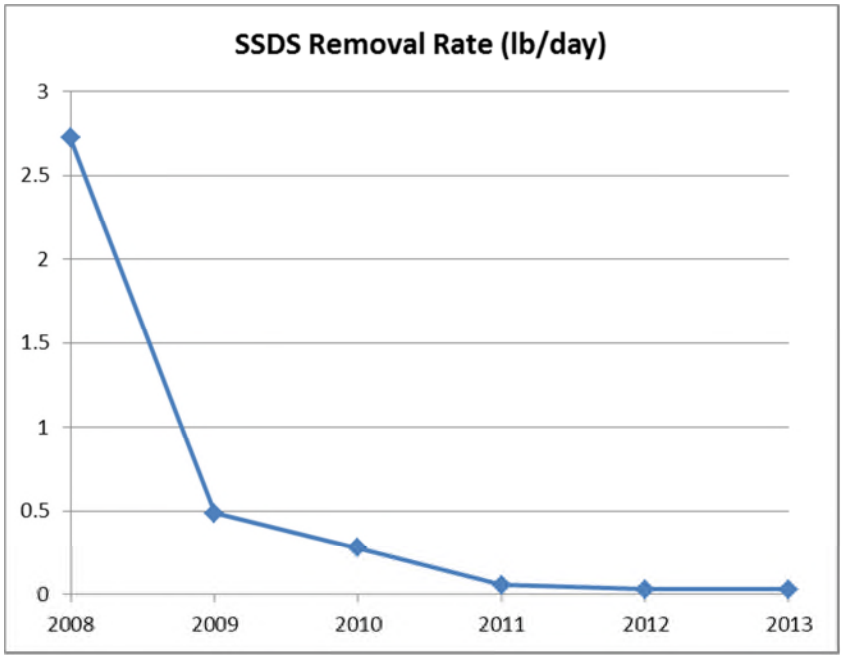
The flow rates and total VOC concentrations measured during each site inspection were used to estimate the mass of VOCs that were removed from the subsurface during system operation. Through the end of November 2013, the sub-slab vapor control system has operated for 5.1 years, and has removed approximately 551 pounds of total VOCs, or approximately 5.2 pounds over the past six months. A graph illustrating the cumulative mass removal at each of the five blowers since start-up, as calculated based on the influent PID reading, is provided below as Figure 6. As shown on the figure, Blowers 1 through 3 have extracted the largest amount of mass, equaling approximately 80% of the total mass removed.

Figure 6: Cumulative Mass Removed versus Time



Utilizing this data, the mass removal rate was estimated for each year of system operation. As shown on Figure 7, below, the mass removal rate has decreased significantly from approximately 2.7 lb/day in 2008 to 0.029 lb/day in 2013. The current mass removal rate is consistent with the removal rate in 2012.

Figure 7: SSDS Mass Removal Rate



4.3 BLOWER EFFLUENT – OFF GAS EVALUATION

Process air from the five blowers is discharged approximately four to five feet vertically above the roofline of the building. During design, it was determined that the potential total emission of VOCs to the atmosphere of all five blowers, individually and combined, is much less than the 15 tons per year limit threshold regulated under the Connecticut HAP regulations and the VOC concentrations would not exceed the maximum allowable stack concentration (MASC). As a result, treatment and permitting was not warranted. Sampling of the blower effluent for laboratory analysis is conducted annually in May.

Grab samples of the effluent air was collected from all five blowers on May 22, 2013 in Summa® canisters and submitted to Alpha Analytical Laboratories for analysis of VOCs via EPA Method TO-15 (with Freon 113). For a summary of the results, refer to the August 2013 *Semi-Annual Remedy Operation and Post Closure Status Report On-Property Conditions*. The next blower effluent sampling event is scheduled for May 2014.

4.4 INDOOR AIR SAMPLING

The 2013 indoor air sampling and analysis was not conducted during this monitoring period. Refer to the August *Semi-Annual Remedy Operation and Post Closure Status Report* for a summary of the May 2013 indoor air sampling event. The next indoor air sampling event is scheduled for May 2014.

4.5 DEVIATIONS FROM OM&M PLAN

There were no major deviations from the OM&M activities during this reporting period. Field monitoring will continue to be performed on a monthly and quarterly basis in accordance with the December 2008 *Revised OM&M Plan.*

4.6 RECOMMENDATIONS FOR NEXT MONITORING PERIOD

The sub-slab vapor control system was designed to operate continuously for the initial start-up and switch over to a cycling schedule after the initial mass removal was complete. The system has remained on continuously in an attempt to reduce indoor air concentrations within the building and continue to remove residual VOC mass beneath the building slab. At the conclusion of the June 2012 reporting period (when TCE levels in indoor air had dropped below the I/C Target Indoor Air Criteria (2003)), it was proposed that the sub-slab vapor control system be modified to have Blowers 4 and 5 cycle on a 12-hour on/off schedule.

It is noted that this modification to the sub-slab system has not been implemented at this time. While recovery rates have diminished and the building continues to remain vacant, TCE in indoor air was detected during the May 2013 sampling event at select locations slightly above the I/C Target Indoor Air Criteria (2003). Further, while mass removal rates are low from Blowers 4 and 5, TCE is still being recovered from these locations based on the May 2013 blower effluent data. Given these reasons, coupled with the associated costs to install and configure system timers, the vapor control system will remain fully operational through the next annual air monitoring event, scheduled for May 2014. Following receipt of this data, changes to the operation program of the system may be proposed.

5. QUALITY ASSURANCE / QUALITY CONTROL EVALUATION

A data quality review was performed to confirm that the data generated during the monitoring events are of known and appropriate quality. The data quality review was performed in consideration of the CTDEEPs RCP. The RCPs are analytical procedures that include specific laboratory QA/QC criteria that produce analytical data of known and documented quality. As part of this process, quality indicators were used to evaluate sample collection and measurement error. These indicators have been examined in the context of the intended use of the data, and an overall assessment of the data for use in making sound technical decisions regarding data quality and usability.

The data usability assessment includes a field component and an analytical component. The field component evaluates the sampling method, sample preservation, sampling handling, and holding times to establish compliance with the applicable methods and protocols and thereby confirming that the samples analyzed at the laboratory are representative of the sample data point. The analytical data usability assessment is used to evaluate whether the analytical data points are of known and documented quality. The data usability assessment completed for the September 2013 annual groundwater sampling event is presented in the following subsections. Refer to the January 2014 Off-Property Report for the data validation summary reports for the off-property locations.

In summary, the data usability assessment indicates that the reported results are suitable for their intended use, with the stated qualifiers. For a copy of the laboratory and data validation reports refer to Appendix C.

5.1 SEMI-ANNUAL GROUNDWATER EVENT

5.1.1 Field Quality Control Assessment

On Property Samples (L1319526, L1319526 and L1320707)

A review of the applicable field quality control elements was performed for the groundwater samples collected from September 23 through 25, 2013 and October 15, 2013, as part of the 2013 annual groundwater sampling event. Sample containers were packed with ice in coolers immediately after collection and labeling and were accompanied by complete chain-of-custody forms from the time of sample collection until laboratory delivery. Chemical preservation was appropriately performed for all samples and intact sample containers were received by the analytical laboratory at temperatures of 2.5°C and 4.3°C. The samples were extracted (i.e., VOCs), digested (i.e., total metals, total cyanide), and analyzed within the allowable holding times.

One trip blank (TRIP BLANK) accompanied site samples to be analyzed for VOCs during the sampling event to assist in the assessment of field accuracy to measure “false positive” contamination during sample acquisition and/or storage. No analytes were detected in the trip blank; therefore, no qualifications were applied to the field samples as a result of trip blank contamination.

One field duplicate pair was collected for VOCs and cyanide during the sampling event to assess the precision of the measurement system including sampling, handling, shipping, storage, preparation and analysis by calculation of the Relative Percent Difference (RPD) between the pair results. Sample MW-51 was collected as a field duplicate of monitoring well MW-508C. Positive results were detected for the following compounds: 1,1-DCE, PCE, TCE, cis-1,2-DCE, and 1,1,1-TCA. The RPD values were acceptable (<30%) for all compounds. The cyanide field duplicate samples were both non-detect. No qualifications were applied.

Two equipment blanks (MW-91 and MW-92) were non-detect for all VOC target compounds with one exception. TCE (0.574 µg/L) was detected above the reporting limit in sample MW-91. Therefore, TCE in sample 2ONR-MW-1A was qualified as non-detect (U) at the reported concentration. Professional judgment was used not to qualify any

other affected sample results. Equipment blanks for metals (MW-91 and EB-01) and cyanide (MW-91 and MW-92) were all non-detect; therefore, no qualifications were applied.

5.1.2 Analytical Quality Control Assessment

An analytical data usability assessment was completed for the primary groundwater samples and associated QA/QC samples for the on property samples. The first step in the analytical data usability assessment was to review the data set to determine whether the data achieved "Reasonable Confidence". The RCP requires the analytical laboratory to provide an Analytical Report Certification for each set of samples submitted for analysis. Each of the Laboratory Analysis QA/QC Certification Forms was reviewed for compliance with the Reasonable Confidence requirements. This report included the following Analytical Reports from Alpha Analytical Laboratories:

L1319526 (on property)

L1320707 (follow up metals analysis)

L1319238 (just MW-15M)

The Analytical Report Certification review for both sets of data indicated that the data met the Reasonable Confidence requirements; however, certain QA/QC performance standards (question #4) of the RCP QA/QC Certification Form were not met for samples in data package L1319526, thereby requiring a review of the performance criteria for individual samples to assess the usability of the data in question. These non-conformances were detailed in the narratives and further documented in the individual data validation project summaries (refer to Appendix C). No data in either set were qualified as a result of the non-conformances.

The Analytical Report Certification reviews also indicated the requested reporting limits were not met (question #5b of the RCP QA/QC Certification Form) for samples in data package L1319526. The results were reviewed and were determined to not sufficiently affect the quality of the data.

Additionally, the Analytical Report Certification review indicated the results for all constituents identified in the method-specific analyte lists (i.e., metals) presented in the RCP documents were not reported (question #6 of the RCP QA/QC Certification Form). The analysis of select metals, rather than the full suites of RCP metals, was based on the prior assessment indicating which constituents are of concern for the site. Therefore, evaluation of only a subset of the RCP metals in the samples was appropriate to meet the specific data quality objectives of the annual sampling activities.

Finally, the Analytical Report Certification review indicated that certain project matrix spikes and laboratory duplicates were not included in the data set for lab package L1320707 (Question #7). This response to this question does not require an explanation in the case narrative as it does not directly affect the requirements to achieve "Reasonable Confidence."

5.1.3 Evaluation of PARCCS Parameters

The precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) parameter evaluation included an assessment of the parameters and QA/QC samples as they affect the usability of the sample results.

<u>Precision</u>

Precision is a measure of mutual agreement between concentrations of samples collected at the same time from the same location. Precision is measured by performing duplicate measurements in the field or laboratory and is

expressed in terms of RPD. Precision was evaluated quantitatively using laboratory and field duplicates. Analytical precision was also evaluated by comparing laboratory duplicate samples and the RPDs for laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses.

Comparison of the MS/MSD performed on sample MW-3 were used to assess analytical precision associated with this report. All RPDs for the VOC MS/MSD met recovery and RPD acceptance criteria with the following exception: acetone. Samples from MW-3 were UJL qualified (not detected, biased low) for acetone. The MS/MSD sample collected from MW-3 for cyanide met recovery and acceptance criteria; therefore, no qualifications were applied. No MS/MSD sample was collected for total metals.

The VOC laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) met recovery and RPD acceptance criteria with the following exceptions: tetrahydrofuran, trans-1,4-dichloro-2-butene, carbon tetrachloride, trichlorofluoromethane, 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane, acetone, and 2-hexanone. Refer to the validation summary in Appendix C for details of affected samples and associated qualifiers.

Additionally, the results for 1,1,1-TCA, 1,1-DCE, and TCE in the less dilute analysis of samples MW-8 and MW-11 and the results for TCE in the less dilute analysis of samples MW-112 and MW-508 exceeded the upper calibration limit. These select analytes in these specific samples will be qualified as JK (estimate, bias unknown) since the upper calibration limit was exceeded. The samples were re-analyzed at a greater dilution and the 1,1,1-TCA, 1,1-DCE and/or the TCE results were within calibration range. The results from the more dilute analysis for these analytes for these samples should be used for evaluation.

Detection limits were also raised in some samples due to dilutions performed because of the elevated concentrations of target compounds.

Accuracy

Accuracy is a measure of agreement between results obtained from an analytical method compared with known values. The accuracy of laboratory analytical procedures is generally measured through a review of calibration, MS, and LCS results.

An MS/MSD was performed on the sample from monitoring well MW-3. Refer to the Precision section (above) and the data validation summary in Appendix C for further details. The metals LCS and the cyanide LCS/LCSD both met acceptance criteria; therefore, no qualifications were applied.

Representativeness

Representativeness expresses the degree to which data accurately and precisely represent a characteristic of a population, parameter variation, or environmental condition. The overall representativeness of the data was evaluated qualitatively using site use information and historical sampling data. During the monitoring event, two types of pumps (a QED MP10 bladder pump and a micro-QED MP10 bladder pump) were used to collect the groundwater samples. The only location that the micro bladder pump was used was at monitoring well MW-10 due to an obstruction in the PVC at a depth of approximately 6 to 7 feet below ground surface.

All groundwater samples, continue to be collected in accordance with USEPA Low Stress (Low Flow) Purging and Sampling Procedures for the Collection of Groundwater Samples from Monitoring Wells (January 2010). In comparing the data sets from the September 2013 annual monitoring event with historical data sets, laboratory analysis of the data was achieved and data completeness goals were met.

Representativeness was also evaluated based on the results reported for laboratory method blanks. No blank issues were identified for groundwater samples, therefore no qualifications were applied. Representativeness of the data

was also evaluated based on sample preservation and holding times. All samples were adequately preserved and no holding times were exceeded.

Based on a review of established standard methods and procedures for collection and analysis of data, the data collected as part of the annual monitoring event are considered to be of comparable quality over the entire sampling period.

Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount of valid data expected. As indicated in the Quality Assurance Project Plan (QAPP), the completeness goal for the project is 90%. All of the data obtained from groundwater samples collected during the investigation were determined to be usable data because no data were rejected during the data quality review. Therefore, the data obtained as part of the annual monitoring event meet the completeness goal identified for the project.

Comparability

Comparability is a measure of the degree of confidence with which one data set can be compared to a related set of data. The objective for comparability is to evaluate the comparability of results from each sampling event performed. The comparability objective for this project is attained by:

- Using standard sampling methodologies, such as USEPA Region 1 Low Stress/Low Flow Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells (January 19, 2010);
- Using the same off-site laboratory(s) for all sampling events;
- Reporting results from similar matrices in consistent and generally accepted units; and
- Applying appropriate levels of QC within the context of the Laboratory Quality Assurance.

Sensitivity

Sensitivity is the ability of the method or instrument to detect the constituent of concern and other target analytes at the levels of interest. Method and instrument sensitivity may be evaluated through calibration standards, laboratory fortified blanks, instrument detection limit studies, and/or MDL studies. The data quality review did not indicate any issues resulting from matrix interference.

5.1.4 Conclusions

The primary objectives (or end uses) for the annual monitoring event are to collect sufficient groundwater data that is accurate and reliable in support of evaluating onsite remedial activities. Based on the data quality assessment, the objectives have been achieved and thus the data collected as part of this groundwater monitoring event are considered to be 'suitable' for its intended use in satisfying the project objectives.

6. SUMMARY AND RECOMMENDATIONS

On August 31, 2005, the property line groundwater migration control treatment system began operation as an ICM at CR USA's former Danbury, Connecticut facility located at 15 Old Newtown Road. This system is an integral part of the on-property remedy as it hydraulically controls impacted groundwater on the property. The system continuously extracts VOC impacted groundwater from six recovery wells (RW-1 through RW-6), treats the groundwater, and discharges the treated groundwater to the sanitary sewer. Since the start of the new system in August 2005, the system has operated for 8 years and has removed approximately 2,820 pounds of VOCs. Total flow rates during the past six months averaged 14.0 gpm (instantaneous flow) and 10.2 gpm (actual, continuous flow taking well pump cycling and system down time into consideration).

Monitoring of the groundwater migration control system throughout the past six months has indicated that the system continues to be operating effectively, meeting its operational goals by controlling the migration of the VOC plume and effectively treating the extracted groundwater. This is demonstrated by several lines of evidence including the effective drawdown at monitoring wells on-site, groundwater capture within the targeted capture zone, and the steady or decreasing contaminant levels in property boundary and off-property wells as demonstrated by the September 2013 groundwater monitoring results. Monthly OM&M site visits will continue as described in the December 2008 *Revised OM&M Plan* and the November 2009 *Draft Post Closure Plan*.

The sub-slab vapor control system operating beneath the existing building floor slab has operated for 5.1 years and has removed approximately 551 pounds of VOCs. Based on the routine monitoring, the sub-slab vapor control system is effectively preventing the flow of elevated VOCs containing soil vapor into the building as well as reducing VOC mass from beneath the building floor slab. This is demonstrated by the continued vacuum present across the building and the reduction of VOC levels being extracted from the system over time. While recovery rates have diminished over time and the building continues to remain vacant, TCE was still measured in indoor air at select locations slightly above the I/C Target Indoor Air Criteria (2003) during the 2013 monitoring event. As such, the vapor control system will remain fully operational through the next annual air monitoring event, scheduled for May 2014.

With the continued operation of the property line groundwater migration control treatment system and sub-slab vapor extraction system beneath the building, concentrations of VOCs in off-property groundwater are expected to continue to decrease overtime. Monitoring of the plume stability (and ultimately concentration decrease) will continue to be performed. Pending EPA review and approval, implementation of the proposed (updated) groundwater monitoring program (as outlined in the 2014 Off-Property Report), will commence in 2014. Results from the comprehensive monitoring program (including both on and off-property locations) will be presented in each subsequent semi-annual remedy operation status report. The next groundwater monitoring event is scheduled for March 2014.

TABLES

TABLE 1
SYSTEM LOG - JUNE THROUGH NOVEMBER 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Date	Activities Conducted	Time System was Down *(hrs)*	Time System was Down *(days)*
06/01/13	Alarm A was initiated as the result of a power outage caused by a storm event (Saturday evening). The system was re-started on June 4, 2013; however after running for a short time after the field technician left the site, the breaker tripped and the system shut down again. The system was placed back in operation on June 6, 2013	**108.7**	**4.5**
06/13/13	System down due to blown breaker (power surge from RW-2 shutting down). W&C personnel addressed while onsite.	**0.2**	**0.0**
06/20/13	Alarm A condition was initiated on June 20, 2013 due to a piece of precipitate entering the air stripper and being pulled into the transfer pump. The precipitate caused the transfer pump to jam, breaking an impeller fin. Notification of the alarm was received on June 21 and both systems were operational on June 26, 2013 after repair of the pump.	**137.4**	**5.7**
06/26/13	Monthly O&M visit. Gauged monitoring and recovery wells, inspected stripper trays, checked pumps in RW-2, RW-5, and RW-6, flushed the lines in RW-5, and changed the Redux drum.	0.0	0.0
07/30/13	Monthly O&M visit. Gauged monitoring and recovery wells, inspected stripper trays, checked pumps in RW-2, RW-5, and RW-6, reduced the flow rate on RW-6 (because it was frequently cycling) and increased the flow rate in RW-5, and flushed the lines in RW-5.	0.0	0.0
08/20/13	Herbicide treatment was applied by Bartlett Tree Experts along the fence line by recovery well RW-2	0.0	0.0
08/27/13	Road boxes for monitoring wells MW-701A/B/C and MW-14 were repaired	0.0	0.0
08/29/13	Monthly O&M visit. Gauged monitoring and recovery wells, inspected air stripper trays, checked pumps in RW-2, RW-5, and RW-6, and flushed the effluent lines inside the shed. Additionally, the pump in RW-2 was removed and inspected for plant growth. The well and pump showed very little signs of fouling, so the pump was re-deployed and placed on-line upon departure from the site. The totalizer in RW-6 was removed due to clogging, and upon further investigation, it was found that the 1-inch lines were clogged and the check valve was not operational. New parts were obtained and installed and the well was put back into service.	0.0	0.0
9/20/13 - 9/25/13	Annual CA 750 groundwater monitoring event was conducted	0.0	0.0
09/25/13	Monthly O&M visit. Gauged monitoring and recovery wells, inspected stripper trays, checked pumps in RW-2, RW-5, RW-6, and flushed the effluent lines inside the shed. During the annual sampling event, the system shut down due to a piece of debris in the filter of the totalizer (Alarm A).	**7.5**	**0.3**
10/24/13	Monthly OM&M visit. Gauged monitoring and recovery wells, inspected stripper trays, checked the pumps in RW-5 and RW-6, cleaned the probes and re-deployed all pumps (RW-6 was fouled), flushed the effluent lines inside the shed, and placed an order for additional Redux. Additionally, RW-6 was not operational upon arrival to the Site due to fouled probes.	0.0	0.0
11/24/13	Monthly O&M. Gauged monitoring and recovery wells, inspected stripper trays, checked the pumps in RW-3 and RW-6, cleaned the probes and re-deployed all recovery well pumps (RW-3, RW-5, and RW-6 were fouled), flushed the effluent lines inside the shed, and put a new drum of Redux on-line. Upon arrival to the Site on November 27, the system was found to be down (Alarm A) due to multiple tripped breakers inside the control panel as well as one blown fuse to the power supply. Due to the blown fuse, there was no communication with the Telog unit and notification was not received until December 3, 2013. The power was restored and the system was restarted without issue.	**62.7**	**2.6**
	TOTAL	316.6	13.2

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
On-property Monitoring Wells:					
MW-1	293 - 303	*306.98*	4/24/2002	3.48	303.50
		(prior to 8/27/07)	7/24/2002	3.51	303.47
		310.51	10/14/2002	3.74	303.24
			9/4/2003	2.81	304.17
			9/10/2004	3.20	303.78
			9/27/2005	3.90	303.08
			8/1/2006	2.45	304.53
			8/6/2007	3.14	303.84
			8/12/2008	6.75	303.76
			3/16/2009	6.11	304.40
			9/15/2009	6.77	303.74
			3/24/2010	5.61	304.90
			9/20/2010	7.24	303.27
			3/21/2011	5.62	304.89
			8/3/2011	6.29	304.22
			3/21/2012	6.08	304.43
			9/17/2012	7.31	303.20
			12/10/2012	7.18	303.33
			5/15/2013	6.35	304.16
			9/20/2013	7.02	303.49
MW-2	289 - 299	303.34	4/24/2002	12.87	290.47
			7/24/2002	12.38	290.96
			10/14/2002	12.90	290.44
			9/4/2003	11.62	291.72
			9/10/2004	12.21	291.13
			9/27/2005	13.81	289.53
			8/1/2006	13.46	289.88
			8/6/2007	14.05	289.29
			8/12/2008	13.43	289.91
			3/16/2009	12.46	290.88
			9/15/2009	13.29	290.05
			3/24/2010	8.39	294.95
			9/20/2010	14.26	289.08
			3/21/2011	9.85	293.49
			8/3/2011	13.50	289.84
			3/21/2012	12.89	290.45
			9/17/2012	13.73	289.61
			12/10/2012	13.26	290.08
			5/15/2013	13.20	290.14
			9/20/2013	14.06	289.28
MW-3	280 - 295	301.89	4/24/2002	12.10	289.79
			7/24/2002	11.27	290.62
			10/14/2002	13.35	288.54
			9/4/2003	NM	NA
			9/10/2004	10.88	291.01
			9/27/2005	13.48	288.41
			8/1/2006	12.88	289.01
			8/6/2007	13.37	288.52
			8/13/2008	13.03	288.86
			3/16/2009	12.11	289.78
			9/15/2009	12.65	289.24
			3/24/2010	8.02	293.87
			9/20/2010	13.61	288.28
			3/21/2011	9.58	292.31
			8/3/2011	12.63	289.26
			3/21/2012	12.04	289.85
			9/17/2012	13.06	288.83
			12/10/2012	14.30	287.59
			5/15/2013	11.82	290.07
			9/20/2013	13.47	288.42

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-4	274 - 294	303.51	4/24/2002	12.82	290.69
			7/24/2002	11.99	291.52
			10/14/2002	14.10	289.41
			9/4/2003	10.88	292.63
			9/10/2004	11.68	291.83
			9/27/2005	14.56	288.95
			8/1/2006	13.80	289.71
			8/6/2007	14.50	289.01
			8/12/2008	13.09	290.42
			3/16/2009	13.07	290.44
			9/15/2009	13.59	289.92
			3/24/2010	9.54	293.97
			9/20/2010	14.45	289.06
			3/21/2011	10.85	292.66
			8/3/2011	13.70	289.81
			3/21/2012	12.98	290.53
			9/17/2012	14.22	289.29
			12/10/2012	14.40	289.11
			5/15/2013	13.51	290.00
			9/20/2013	14.80	288.71
MW-5	278 - 283	301.12	4/24/2002	12.33	288.79
			7/24/2002	11.15	289.97
			10/14/2002	13.15	287.97
			9/4/2003	10.03	291.09
			9/10/2004	10.71	290.41
			9/27/2005	13.11	288.01
			8/1/2006	13.52	287.60
			8/6/2007	14.43	286.69
			8/12/2008	13.85	287.27
			3/16/2009	12.11	289.01
			9/15/2009	12.42	288.70
			3/24/2010	8.30	292.82
			9/20/2010	14.28	286.84
			3/21/2011	9.12	292.00
			8/3/2011	12.84	288.28
			3/21/2012	11.96	289.16
			9/17/2012	13.22	287.90
			12/10/2012	13.48	287.64
			5/15/2013	11.97	289.15
			9/20/2013	14.66	286.46
MW-6	271 - 291	303.98	4/24/2002	13.33	290.65
			7/24/2002	12.70	291.28
			10/14/2002	14.44	289.54
			9/4/2003	11.53	292.45
			9/10/2004	12.50	291.48
			9/27/2005	14.18	289.80
			8/1/2006	12.85	291.13
			8/6/2007	14.06	289.92
			8/12/2008	13.68	290.30
			3/16/2006	12.20	291.78
			9/15/2009	13.61	290.37
			3/24/2010	9.42	294.56
			9/20/2010	14.50	289.48
			3/21/2011	7.56	296.42
			8/3/2011	12.94	291.04
			3/21/2012	12.51	291.47
			9/17/2012	13.46	290.52
			12/10/2012	14.44	289.54
			5/15/2013	13.08	290.90
			9/20/2013	14.54	289.44

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-7	280 - 290	304.15	4/24/2002	12.29	291.86
			7/24/2002	11.77	292.38
			10/14/2002	13.30	290.85
			9/4/2003	10.71	293.44
			9/10/2004	Inaccessible	NA
			9/27/2005	13.26	290.89
			8/1/2006	12.16	291.99
			8/6/2007	12.84	291.31
			8/12/2008	12.49	291.66
			3/16/2009	11.80	292.35
			9/15/2009	12.31	291.84
			3/24/2010	9.04	295.11
			9/20/2010	13.58	290.57
			8/3/2011	12.38	291.77
			3/21/2012	11.75	292.40
			9/17/2012	13.00	291.15
			12/10/2012	13.36	290.79
			5/15/2013	11.92	292.23
			9/20/2013	13.33	290.82
MW-8	271 - 289	304.10	4/25/2002	13.75	290.35
			7/24/2002	12.72	291.38
			10/14/2002	14.81	289.29
			9/4/2003	NM	NA
			9/10/2004	Inaccessible	NA
			9/27/2005	14.67	289.43
			8/1/2006	13.95	290.15
			8/6/2007	14.98	289.12
			8/12/2008	13.98	290.12
			3/16/2009	13.24	290.86
			9/15/2009	13.96	290.14
			3/24/2010	9.97	294.13
			9/20/2010	15.39	288.71
			8/3/2011	14.45	289.65
			3/21/2012	13.70	290.40
			9/17/2012	15.30	288.80
			12/10/2012	15.50	288.60
			5/15/2013	14.64	289.46
			9/20/2013	16.50	287.60
MW-9	266 - 286	302.05	4/24/2002	NM	NA
			7/24/2002	NM	NA
			10/14/2002	NM	NA
			9/4/2003	10.40	291.65
			9/10/2004	11.17	290.88
			9/27/2005	14.20	287.85
			8/1/2006	15.04	287.01
			8/6/2007	15.36	286.69
			8/12/2008	14.40	287.65
			3/16/2009	13.21	288.84
			9/15/2009	13.35	288.70
			3/24/2010	9.50	292.55
			9/20/2010	14.71	287.34
			3/21/2011	9.80	292.25
			8/3/2011	well under water	
			3/21/2012	13.30	288.75
			9/17/2012	14.40	287.65
			12/10/2012	14.68	287.37
			5/15/2013	14.50	287.55
			9/20/2013	15.34	286.71

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-10	281 - 300	301.14	4/24/2002	12.35	288.79
			7/24/2002	11.03	290.11
			10/14/2002	12.09	289.05
			9/4/2003	9.91	291.23
			9/10/2004	10.50	290.64
			9/27/2005	13.03	288.11
			8/1/2006	13.61	287.53
			8/6/2007	14.52	286.62
			8/12/2008	13.29	287.85
			3/16/2009	12.10	289.04
			9/15/2009	12.18	288.96
			3/24/2010	7.60	293.54
			9/20/2010	14.25	286.89
			3/21/2011	8.96	292.18
			8/3/2011	12.48	288.66
			3/21/2012	11.95	289.19
			9/17/2012	13.20	287.94
			12/10/2012	11.34	289.80
			5/15/2013	12.15	288.99
			9/20/2013	14.40	286.74
MW-11	273 - 293	301.05	4/24/2002	12.80	288.25
			7/24/2002	11.62	289.43
			10/14/2002	14.02	287.03
			9/4/2003	10.45	290.60
			9/10/2004	11.20	289.85
			9/27/2005	14.65	286.40
			8/1/2006	14.40	286.65
			8/6/2007	14.93	286.12
			8/12/2008	13.34	287.71
			3/16/2009	12.41	288.64
			9/15/2009	13.38	287.67
			3/24/2010	8.98	292.07
			9/20/2010	14.68	286.37
			3/21/2011	9.66	291.39
			8/3/2011	13.42	287.63
			3/21/2012	12.20	288.85
			9/17/2012	13.42	287.63
			12/10/2012	14.05	287.00
			5/15/2013	13.40	287.65
			9/20/2013	14.79	286.26
MW-12	267 - 287	303.13	4/24/2002	12.76	290.37
		(prior to 12/2/2011)	7/24/2002	12.01	291.12
			10/14/2002	15.07	288.06
			9/4/2003	NM	NA
			9/10/2004	Inaccessible	NA
			9/27/2005	15.08	288.05
			8/1/2006	14.56	288.57
			8/6/2007	15.24	287.89
			8/12/2008	15.02	288.11
			3/16/2009	14.10	289.03
			9/15/2009	14.64	288.49
			3/24/2010	9.70	293.43
			9/20/2010	obstructed	
			3/21/2011	12.27	290.86
			8/3/2011	obstructed	
		303.35	3/21/2012	14.41	288.94
			9/17/2012	15.45	287.90
			12/10/2012	15.57	287.78
			5/15/2013	14.92	288.43
			9/20/2013	16.27	287.08

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-13	280 - 300	304.35	4/24/2002	12.74	291.61
			7/24/2002	12.17	292.18
			10/14/2002	13.93	290.42
			9/4/2003	10.93	293.42
			9/10/2004	11.82	292.53
			9/27/2005	13.93	290.42
			8/1/2006	12.51	291.84
			8/6/2007	13.53	290.82
			8/12/2008	13.18	291.17
			3/16/2009	11.46	292.89
			9/15/2009	12.84	291.51
			8/3/2011	13.04	291.31
			3/21/2012	11.95	292.40
			12/10/2012	14.04	290.31
			5/15/2013	12.21	292.14
			9/20/2013	14.23	290.12
MW-16	290 - 296	300.34	4/24/2002	9.43	290.91
			7/24/2002	9.22	291.12
			10/14/2002	9.88	290.46
			9/4/2003	8.35	291.99
			9/10/2004	8.91	291.43
			9/27/2005	DRY	NA
			8/1/2006	9.39	290.95
			8/6/2007	DRY	NA
			8/12/2008	DRY	NA
			3/16/2010	9.10	291.24
			9/15/2009	10.41	289.93
			3/24/2010	7.08	293.26
			9/20/2010	DRY	NA
			3/21/2011	7.11	293.23
			8/3/2011	9.25	291.09
			3/21/2012	8.97	291.37
			9/17/2012	DRY	NA
			12/10/2012	Dry @9.95	NA
			5/15/2013	8.97	291.37
			9/20/2013	Dry @ 9.76	NA
MW-106A	272 - 277	305.12	4/24/2002	NM	NA
			7/24/2002	NM	NA
			10/14/2002	13.21	291.91
			9/4/2003	10.67	294.45
			9/10/2004	11.47	293.65
			9/27/2005	12.57	292.55
			8/1/2006	10.97	294.15
			8/6/2007	11.82	293.30
			8/12/2008	11.59	293.53
			3/16/2009	10.98	294.14
			9/15/2009	11.41	293.71
			3/24/2010	9.59	295.53
			9/20/2010	11.31	293.81
			3/21/2011	9.96	295.16
			8/3/2011	11.18	293.94
			3/21/2012	10.94	294.18
			12/10/2012	12.45	292.67
			5/15/2013	11.12	294.00
			9/20/2013	13.33	291.79

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-107	275 - 300	304.47	prior to October 2002, well was inaccessible		
			10/16/2002	11.99	292.48
			9/4/2003	NM	NA
			9/10/2004	10.06	294.41
			9/27/2005	11.82	292.65
			8/1/2006	8.61	295.86
			8/6/2007	10.31	294.16
			8/12/2008	10.21	294.26
			9/15/2009	9.69	294.78
			8/3/2011	9.54	294.93
			3/21/2012	8.60	295.87
			9/17/2012	9.83	294.64
			12/10/2012	11.76	292.71
			5/15/2013	8.93	295.54
			9/20/2013	11.24	293.23
MW-110A	286 - 291	303.43	4/24/2002	12.05	291.38
			7/24/2002	12.19	291.24
			10/14/2002	12.66	290.77
			9/4/2003	11.34	292.09
			9/10/2004	11.67	291.76
			9/27/2005	13.22	290.21
			8/1/2006	11.75	291.68
			8/6/2007	12.71	290.72
			8/12/2008	11.86	291.57
			3/16/2009	11.99	291.44
			9/15/2009	11.68	291.75
			3/24/2010	9.83	293.60
			9/20/2010	12.58	290.85
			3/21/2011	9.55	293.88
			8/3/2011	12.03	291.40
			3/21/2012	11.66	291.77
			9/17/2012	12.61	290.82
			12/10/2012	12.75	290.68
			5/15/2013	11.63	291.80
			9/20/2013	12.79	290.64
MW-111	286 - 291	302.39	4/24/2002	11.50	290.89
			7/24/2002	11.68	290.71
			10/17/2002	11.95	290.44
			9/4/2003	10.64	291.75
			9/10/2004	11.07	291.32
			9/27/2005	12.95	289.44
			8/1/2006	11.48	290.91
			8/6/2007	12.49	289.90
			8/12/2008	11.41	290.98
			3/16/2009	11.12	291.27
			9/15/2009	11.35	291.04
			3/24/2010	9.38	293.01
			9/20/2010	12.20	290.19
			3/21/2011	8.95	293.44
			8/3/2011	11.78	290.61
			3/21/2012	11.35	291.04
			9/17/2012	12.32	290.07
			12/10/2012	12.36	290.03
			5/15/2013	11.01	291.38
			9/20/2013	12.46	289.93

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-112	288 - 293	301.94	4/24/2002	11.76	290.18
			7/24/2002	11.08	290.86
			10/14/2002	13.88	288.06
			9/4/2003	DRY	NA
			9/10/2004	10.77	291.17
			9/27/2005	14.52	287.42
			8/1/2006	12.49	289.45
			8/6/2007	13.05	288.89
			8/12/2008	12.57	289.37
			3/16/2009	11.66	290.28
			9/15/2009	12.15	289.79
			3/24/2010	9.02	292.92
			9/20/2010	13.18	288.76
			3/21/2011	9.25	292.69
			8/3/2011	12.09	289.85
			3/21/2012	11.53	290.41
			9/17/2012	12.61	289.33
			12/10/2012	12.88	289.06
			5/15/2013	11.37	290.57
			9/20/2013	13.05	288.89
MW-113	289 - 294	302.10	4/24/2002	11.03	291.07
			7/24/2002	11.40	290.70
			10/14/2002	11.19	290.91
			9/4/2003	10.37	291.73
			9/10/2004	10.57	291.53
			9/27/2005	11.50	290.60
			8/1/2006	10.25	291.85
			8/6/2007	10.89	291.21
			8/13/2008	10.57	291.53
			9/15/2009	10.75	291.35
			3/24/2010	8.40	293.70
			9/20/2010	11.40	290.70
			3/21/2011	8.31	293.79
			8/3/2011	11.10	291.00
			3/21/2012	9.98	292.12
			9/17/2012	10.77	291.33
			12/10/2012	10.71	291.39
			5/15/2013	10.54	291.56
			9/20/2013	11.11	290.99
MW-304	279 - 289	303.58	4/24/2002	13.32	290.26
			7/24/2002	12.59	290.99
			10/14/2002	14.60	288.98
			9/4/2003	NM	NA
			9/10/2004	12.28	291.30
			9/27/2005	14.41	289.17
			8/1/2006	14.03	289.55
			8/6/2007	14.49	289.09
			8/12/2008	13.95	289.63
			3/16/2009	13.09	290.49
			9/15/2009	13.68	289.90
			3/24/2010	9.60	293.98
			9/20/2010	14.69	288.89
			3/21/2011	10.53	293.05
			8/3/2011	13.75	289.83
			3/21/2012	13.21	290.37
			9/17/2012	14.09	289.49
			12/10/2012	14.25	289.33
			5/15/2013	13.23	290.35
			9/20/2013	14.63	288.95

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-501	286 - 291	304.75	4/24/2002	9.55	295.20
			7/24/2002	10.04	294.71
			10/14/2002	10.47	294.28
			9/4/2003	9.31	295.44
			9/10/2004	9.94	294.81
			9/27/2005	11.07	293.68
			8/1/2006	8.85	295.90
			8/6/2007	9.44	295.31
			8/13/2008	8.89	295.86
			9/15/2009	7.87	296.88
			3/24/2010	5.93	298.82
			9/20/2010	10.11	294.64
			8/3/2011	9.90	294.85
			3/21/2012	8.08	296.67
			9/17/2012	8.80	295.95
			12/10/2012	9.72	295.03
			5/15/2013	8.11	296.64
MW-502	291 - 296	304.80	4/24/2002	NM	NA
			7/24/2002	12.04	292.76
			10/14/2002	12.30	292.50
			9/4/2003	10.95	293.85
			9/10/2004	11.48	293.32
			9/27/2005	12.58	292.22
			8/1/2006	10.79	294.01
			8/6/2007	11.60	293.20
			8/12/2008	11.20	293.60
			9/15/2009	11.23	293.57
			3/24/2010	8.22	296.58
			9/20/2010	12.29	292.51
			3/21/2011	9.13	295.67
			8/3/2011	12.05	292.75
			3/21/2012	10.62	294.18
			9/17/2012	11.67	293.13
			12/10/2012	11.76	293.04
			5/15/2013	11.03	293.77
			9/20/2013	11.85	292.95
MW-503	291 - 296	304.90	4/24/2002	12.40	292.50
			7/24/2002	11.95	292.95
			10/14/2002	12.97	291.93
			9/4/2003	NM	NA
			9/10/2004	11.73	293.17
			9/27/2005	12.57	292.33
			8/1/2006	11.20	293.70
			8/6/2007	12.02	292.88
			8/12/2008	11.28	293.62
			3/16/2009	11.42	293.48
			9/15/2009	11.70	293.20
			3/24/2010	9.60	295.30
			9/20/2010	12.34	292.56
			3/21/2011	10.66	294.24
			8/3/2011	11.40	293.50
			3/21/2012	10.68	294.22
			9/17/2012	11.72	293.18
			12/10/2012	12.69	292.21
			5/15/2013	11.38	293.52
			9/20/2013	12.10	292.80

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-503A	283 - 287	304.40	4/24/2002	11.82	292.58
			7/24/2002	11.31	293.09
			10/14/2002	12.45	291.95
			9/4/2003	NM	NA
			9/10/2004	11.10	293.30
			9/27/2005	12.12	292.28
			8/1/2006	10.63	293.77
			8/6/2007	11.55	292.85
			8/12/2008	11.84	292.56
			3/16/2009	10.79	293.61
			9/15/2009	11.05	293.35
			3/24/2010	10.35	294.05
			9/20/2010	11.98	292.42
			8/3/2011	10.81	293.59
			3/21/2012	11.27	293.13
			9/17/2012	11.20	293.20
			12/10/2012	12.08	292.32
			5/15/2013	10.79	293.61
			9/20/2013	10.40	294.00
MW-504	290 - 293	304.50	4/24/2002	13.61	290.89
			7/24/2002	13.20	291.30
			10/14/2002	DRY	NA
			9/4/2003	12.26	292.24
			9/10/2004	12.94	291.56
			9/27/2005	DRY	NA
			8/1/2006	13.37	291.13
			8/6/2007	DRY	NA
			8/12/2008	13.71	290.79
			3/16/2009	13.04	291.46
			9/15/2009	13.45	291.05
			3/24/2010	10.19	294.31
			9/20/2010	DRY	NA
			3/21/2011	11.37	293.13
			8/3/2011	13.21	291.29
			3/21/2012	13.02	291.48
			9/17/2012	13.49	291.01
			12/10/2012	Dry @ 13.72	NA
			5/15/2013	13.03	291.47
			9/20/2013	Dry @ 3.90	NA
MW-505	284 - 294	305.00	4/24/2002	12.83	292.17
			7/24/2002	12.33	292.67
			10/14/2002	13.55	291.45
			9/4/2003	11.35	293.65
			9/10/2004	12.18	292.82
			9/27/2005	13.27	291.73
			8/1/2006	11.88	293.12
			8/6/2007	12.64	292.36
			8/12/2008	12.45	292.55
			3/16/2009	11.91	293.09
			9/15/2009	12.25	292.75
			3/24/2010	10.33	294.67
			9/20/2010	13.22	291.78
			8/3/2011	12.05	292.95
			3/21/2012	11.84	293.16
			9/17/2012	12.47	292.53
			12/10/2012	13.31	291.69
			5/15/2013	12.01	292.99
			9/20/2013	12.80	292.20

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-506	276 - 296	304.50	4/24/2002	11.56	292.94
			7/24/2002	10.88	293.62
			10/14/2002	12.32	292.18
			9/4/2003	9.76	294.74
			9/10/2004	10.61	293.89
			9/27/2005	12.17	292.33
			8/1/2006	10.30	294.20
			8/6/2007	11.31	293.19
			8/12/2008	10.98	293.52
			3/16/2009	7.41	297.09
			9/15/2009	10.76	293.74
			9/20/2010	12.02	292.48
			3/21/2012	10.11	294.39
			9/17/2012	10.67	293.83
			12/10/2012	11.88	292.62
			5/15/2013	10.36	294.14
MW-507	281 - 291	305.20	4/24/2002	8.80	296.40
			7/24/2002	8.41	296.79
			10/14/2002	9.72	295.48
			9/4/2003	7.18	298.02
			9/10/2004	8.12	297.08
			9/27/2005	9.37	295.83
			8/1/2006	7.22	297.98
			8/6/2007	8.27	296.93
			3/16/2009	7.05	298.15
			9/15/2009	7.89	297.31
			3/24/2010	6.21	298.99
			9/20/2010	9.30	295.90
			8/3/2011	7.59	297.61
			3/21/2012	7.01	298.19
			9/17/2012	8.94	296.26
			12/10/2012	9.05	296.15
			5/15/2013	7.25	297.95
			9/20/2013	8.55	296.65
MW-508	286 - 291	297.85	4/24/2002	8.30	289.55
			7/24/2002	7.91	289.94
			10/14/2002	8.61	289.24
			9/4/2003	6.67	291.18
			9/10/2004	7.28	290.57
			9/27/2005	11.48	286.37
			8/1/2006	8.71	289.14
			8/6/2007	9.29	288.56
			8/12/2008	8.75	289.10
			3/16/2009	7.94	289.91
			9/15/2009	8.51	289.34
			3/24/2010	5.15	292.70
			9/20/2010	9.55	288.30
			3/21/2011	5.37	292.48
			8/3/2011	8.62	289.23
			3/21/2012	7.91	289.94
			9/17/2012	8.72	289.13
			12/10/2012	8.82	289.03
			5/15/2013	7.90	289.95
			9/20/2013	9.25	288.60

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-508C	249 - 264	298.18	4/24/2002	NM	NA
			7/24/2002	8.41	289.77
			10/14/2002	8.92	289.26
			9/4/2003	7.03	291.15
			9/10/2004	7.97	290.21
			9/27/2005	11.95	286.23
			8/1/2006	9.36	288.82
			8/6/2007	9.88	288.30
			8/12/2008	9.28	288.90
			3/16/2009	8.48	289.70
			9/15/2009	8.98	289.20
			3/24/2010	5.90	292.28
			9/20/2010	9.97	288.21
			3/21/2011	6.24	291.94
			8/3/2011	9.18	289.00
			3/21/2012	8.34	289.84
			9/17/2012	9.16	289.02
			12/10/2012	9.22	288.96
			5/15/2013	8.61	289.57
			9/20/2013	9.78	288.40
MW-601A	253 - 265	302.64	4/24/2002	12.63	290.01
			7/24/2002	12.89	289.75
			10/14/2002	13.26	289.38
			9/4/2003	12.11	290.53
			9/10/2004	12.30	290.34
			9/27/2005	13.68	288.96
			8/1/2006	12.55	290.09
			8/6/2007	13.26	289.38
			8/12/2008	12.50	290.14
			9/15/2009	12.42	290.22
			3/24/2010	11.30	291.34
			9/20/2010	13.16	289.48
			3/21/2011	10.02	292.62
			8/3/2011	12.31	290.33
			3/21/2012	12.37	290.27
			9/17/2012	13.19	289.45
			12/10/2012	13.81	288.83
			5/15/2013	12.20	290.44
			9/20/2013	13.33	289.31
MW-601B	274 - 284	302.28	4/24/2002	11.61	290.67
			7/24/2002	11.83	290.45
			10/14/2002	12.15	290.13
			9/4/2003	10.87	291.41
			9/10/2004	11.09	291.19
			9/27/2005	13.32	288.96
			8/1/2006	11.87	290.41
			8/6/2007	12.89	289.39
			8/12/2008	11.48	290.80
			9/15/2009	11.45	290.83
			3/24/2010	9.25	293.03
			9/20/2010	12.71	289.57
			3/21/2011	8.96	293.32
			8/3/2011	12.37	289.91
			3/21/2012	11.70	290.58
			9/17/2012	12.73	289.55
			12/10/2012	12.73	289.55
			5/15/2013	11.62	290.66
			9/20/2013	12.85	289.43

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
Off-Property Monitoring Wells:					
MW-14	279 - 289	296.52	4/24/2002	NM	NA
			7/24/2002	8.58	287.94
			10/16/2002	8.58	287.94
			9/4/2003	7.33	289.19
			9/16/2004	8.55	287.97
			9/28/2005	9.75	286.77
			8/1/2006	9.10	287.42
			8/6/2007	9.49	287.03
			8/13/2008	8.88	287.64
			3/16/2009	8.06	288.46
			9/15/2009	8.99	287.53
			3/24/2010	9.31	287.21
			9/20/2010	9.63	286.89
			3/21/2011	6.24	290.28
			8/3/2011	9.24	287.28
			3/21/2012	8.03	288.49
			9/17/2012	8.85	287.67
			12/10/2012	8.63	287.89
			5/15/2013	8.64	287.88
			9/24/2013	9.12	287.40
MW-15M	264 - 284	296.49	4/24/2002	8.10	288.39
			7/24/2002	8.35	288.14
			10/14/2002	8.42	288.07
			9/4/2003	7.11	289.38
			9/10/2004	7.57	288.92
			9/27/2005	9.55	286.94
			8/1/2006	8.39	288.10
			8/6/2007	8.07	288.42
			8/12/2008	8.45	288.04
			3/16/2009	7.68	288.81
			9/15/2009	8.33	288.16
			3/24/2010	6.37	290.12
			9/20/2010	9.31	287.18
			3/21/2011	6.00	290.49
		296.92	8/3/2011	8.63	287.86
			3/21/2012	7.74	288.75
			9/17/2012	8.42	288.07
			12/10/2012	8.28	288.21
			5/15/2013	8.11	288.38
			9/20/2013	8.91	287.58
MS-MW-1A	283 - 288	294.05	7/24/2002	7.95	286.10
			10/14/2002	6.87	287.18
			9/4/2003	NM	NA
			9/10/2004	Well Not Located	
			9/27/2005	NM	NA
			8/1/2006	NM	NA
			8/13/2008	Well Not Located	
			9/15/2009	Well Not Located	
			8/3/2011	7.33	286.72
			3/21/2012	6.25	287.80
			9/17/2012	6.69	287.36
			12/10/2012	6.30	287.75
			5/15/2013	6.55	287.50
			9/20/2013	7.38	286.67

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MS-MW-2	280 - 285	292.02	7/24/2002	5.97	286.05
			10/14/2002	4.88	287.14
			9/4/2003	4.61	287.41
			9/10/2004	4.75	287.27
			9/27/2005	NM	NA
			8/1/2006	NM	NA
			8/6/2007	5.82	286.20
			8/13/2008	5.10	286.92
			9/15/2009	5.43	286.59
			8/3/2011	5.83	286.19
			3/21/2012	4.72	287.30
			9/17/2012	5.18	286.84
			12/10/2012	4.69	287.33
			5/15/2013	5.00	287.02
			9/20/2013	5.89	286.13
MS-MW-3	283 - 288	294.21	7/24/2002	7.13	287.08
			10/14/2002	8.85	285.36
			9/4/2003	5.50	288.71
			9/10/2004	4.48	289.73
			9/27/2005	NM	NA
			8/1/2006	NM	NA
			8/6/2007	6.44	287.77
			8/13/2008	6.03	288.18
			9/15/2009	6.44	287.77
			8/3/2011	6.80	287.41
			3/21/2012	5.68	288.53
			9/17/2012	6.21	288.00
			12/10/2012	5.04	289.17
			5/15/2013	5.94	288.27
			9/20/2013	6.96	287.25
MS-MW-4	284 - 289	292.23	7/24/2002	3.90	288.33
			10/14/2002	2.59	289.64
			9/4/2003	2.25	289.98
			9/10/2004	2.12	290.11
			9/27/2005	NM	NA
			8/1/2006	NM	NA
			8/6/2007	NM	NA
			8/3/2011	3.64	288.59
			3/21/2012	2.57	289.66
			9/17/2012	3.26	288.97
			12/10/2012	2.01	290.22
			5/15/2013	2.80	289.43
			9/20/2013	3.93	288.30
MS-MW-5	286 - 291	298.90	7/24/2002	8.95	289.95
			10/14/2002	8.73	290.17
			9/4/2003	7.80	291.10
			9/10/2004	NM	NA
			9/27/2005	NM	NA
			8/1/2006	NM	NA
			8/6/2007	NM	NA
			8/12/2008	8.25	290.65
			9/15/2009	8.41	290.49
			9/21/2010	9.42	289.48
			3/21/2011	5.81	293.09
			8/3/2011	NM	NA
			3/21/2012	7.28	291.62
			9/17/2012	8.49	290.41
			12/10/2012	Covered	
			5/15/2013	8.10	290.80
			9/20/2013	8.91	289.99

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MS-MW-6	287 - 292	298.78	10/14/2002	9.38	289.40
			10/14/2002	9.46	289.32
			9/4/2003	8.16	290.62
			9/10/2004	Flooded Road Box	
			9/27/2005	10.25	288.53
			8/1/2006	8.85	289.93
			8/6/2007	NM	NA
			8/13/2008	9.04	289.74
			9/15/2009	Well Not Located	
			3/21/2011	6.21	292.57
			8/3/2011	9.16	289.62
			3/21/2012	8.33	290.45
			9/17/2012	9.20	289.58
			12/10/2012	9.15	289.63
			5/15/2013	8.68	290.10
			9/20/2013	9.46	289.32
MS-MW-7	281 - 286	292.68	7/24/2002	6.19	286.49
			10/14/2002	5.06	287.62
			9/4/2003	4.80	287.88
			9/10/2004	4.98	287.70
			9/27/2005	NM	NA
			8/1/2006	NM	NA
			8/6/2007	6.09	286.59
			8/12/2008	5.35	287.33
			9/15/2009	6.79	285.89
			8/3/2011	6.22	286.46
			3/21/2012	5.06	287.62
			9/17/2012	5.55	287.13
			12/10/2012	5.67	287.01
			5/15/2013	5.33	287.35
			9/20/2013	6.35	286.33
20NR-MW-1A	280.9-290.9	293.94	8/1/2006	6.72	287.22
			8/8/2007	6.85	287.09
			8/13/2008	6.51	287.43
			3/16/2009	5.89	288.05
			9/15/2009	6.70	287.24
			3/25/2010	4.04	289.90
			9/21/2010	7.39	286.55
			3/1/2011	4.99	288.95
			8/3/2011	6.92	287.02
			3/21/2012	5.97	287.97
			9/17/2012	6.51	287.43
			12/10/2012	6.63	287.31
			5/15/2013	6.32	287.62
			9/20/2013	6.94	287.00
MW-701A	277.9 - 287.9	292.88	8/3/2011	6.22	286.66
			3/21/2012	5.31	287.57
			9/17/2012	5.73	287.15
			12/10/2012	5.44	287.44
			5/15/2013	5.54	287.34
			9/20/2013	6.35	286.53
MW-701B	257.9 - 267.9	292.92	8/3/2011	6.19	286.73
			3/21/2012	5.38	287.54
			9/17/2012	5.89	287.03
			12/10/2012	5.40	287.52
			5/15/2013	5.65	287.27
			9/20/2013	6.24	286.68
MW-701C	232.9 - 242.9	292.85	8/3/2011	6.34	286.51
			3/21/2012	5.40	287.45
			9/17/2012	5.84	287.01
			12/10/2012	5.34	287.51
			5/15/2013	5.67	287.18
			9/20/2013	6.24	286.61

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
MW-702A	282 - 288	291.13	8/3/2011	2.80	288.33
			3/21/2012	2.04	289.09
			9/17/2012	3.22	287.91
			12/10/2012	1.99	289.14
			5/15/2013	2.94	288.19
			9/20/2013	3.95	287.18
MW-702B	269 - 279	291.37	8/3/2011	3.67	287.70
			3/21/2012	2.62	288.75
			9/17/2012	2.57	288.80
			12/10/2012	2.09	289.28
			5/15/2013	2.40	288.97
			9/20/2013	3.00	288.37
MW-703	268 - 278	289.99	12/10/2012	4.66	285.33
			5/15/2013	5.18	284.81
			9/20/2013	5.45	284.54
DPMW-01		290.23	12/10/2012	4.91	285.32
			5/15/2013	5.44	284.79
			9/20/2013	5.71	284.52
DPMW-02		290.67	12/10/2012	destroyed - filled in	
DPMW-03		292.29	12/10/2012	6.47	285.82
			5/15/2013	6.93	285.36
			9/20/2013	7.35	284.94
DPMW-04		293.48	12/10/2012	7.84	285.64
			5/15/2013	8.34	285.14
			9/20/2013	3.80	289.68
GAR-MW-1A		295.37	3/21/2012	6.40	288.97
			9/17/2012	6.87	288.50
			12/10/2012	6.45	288.92
			5/15/2013	6.73	288.64
			9/20/2013	7.55	287.82
GAR-MW-2A			3/21/2012	3.67	--
			9/17/2012	5.05	--
			12/10/2012	4.11	--
			5/15/2013	4.44	--
			9/20/2013	5.60	--
GAR-MW-3A		292.83	3/21/2012	4.10	288.73
			9/17/2012	4.60	288.23
			12/10/2012	4.00	288.83
			5/15/2013	4.45	288.38
			9/20/2013	5.26	287.57
GAR-MW-4		295.00	3/21/2012	6.05	288.95
			9/17/2012	6.51	288.49
			12/10/2012	5.97	289.03
			5/15/2013	6.38	288.62
			9/20/2013	7.20	287.80
GAR-MW-5		293.09	3/21/2012	5.14	287.95
			9/17/2012	5.68	287.41
			12/10/2012	5.07	288.02
			5/15/2013	5.50	287.59
			9/20/2013	6.15	286.94
GAR-MW-6		294.02	3/21/2012	6.05	287.97
			9/17/2012	6.53	287.49
			12/10/2012	5.99	288.03
			5/15/2013	NM	NA
			9/20/2013	7.20	286.82
GAR-MW-7		292.75	3/21/2012	4.91	287.84
			9/17/2012	5.39	287.36
			12/10/2012	4.82	287.93
			5/15/2013	5.22	287.53
			9/20/2013	6.04	286.71
PZ-1[3]	--	289.34	8/1/2006	1.27	288.07
			8/13/2008	0.86	288.48
			9/15/2009	1.08	288.26
		292.00	8/3/2011	4.00	288.00

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
PZ-2 [3]	--	290.44	8/1/2006	1.73	288.71
			8/13/2008	NM	NA
			9/15/2009	NM	NA
		293.34	8/3/2011	3.89	289.45
PZ-SR875	274.44 - 277.44	282.34	5/15/2013	2.02	280.32
			9/20/2013	2.27	280.07
PZ-SR1075	275.00 - 277.00	281.94	5/15/2013	1.63	280.31
PZ-SR1250	275.77 - 277.77	282.98	5/15/2013	2.63	280.35
			9/20/2013	2.91	280.07
PZ-SR1450	276.51 - 278.51	281.69	5/15/2013	1.60	280.09
			9/20/2013	2.71	278.98
PZ-SR1640	275.91 - 277.91	282.19	5/15/2013	2.85	279.34
			9/20/2013	3.17	279.02
PZ-SR1860	275.61 - 277.61	280.79	5/15/2013	1.62	279.17
			9/20/2013	1.83	278.96
Risdon Recovery Wells:					
RW-1	260.84 - 288.84	298.84	10/14/2002	24.9 - 26.8	272.04 - 273.94
			9/10/2004	7.58	291.26
			9/27/2005	28.20	270.64
			8/1/2006	29.76	269.08
			8/6/2007	30.46	268.38
			8/12/2008	31.19	267.65
			3/16/2009	31.28	267.56
			9/15/2009	29.78	269.06
			3/24/2010	11.83	287.01
			9/20/2010	29.81	269.03
			3/21/2011	29.83	269.01
			8/3/2011	30.65	268.19
			3/21/2012	30.62	268.22
			9/17/2012	30.59	268.25
			12/10/2012	30.61	268.23
			5/15/2013	29.64	269.20
			9/25/2013	29.70	269.14
RW-2	262.52 - 290.52	298.52	10/14/2002	18.46	280.06
			9/10/2004	Inaccessible	NA
			9/27/2005	16.91	281.61
			8/1/2006	21.70	276.82
			8/6/2007	24.08	274.44
			3/16/2009	20.95	277.57
			9/15/2009	19.24	279.28
			3/24/2010	17.41	281.11
			9/20/2010	23.76	274.76
			3/21/2011	24.22	274.30
			8/3/2011	22.36	276.16
			3/21/2012	18.68	279.84
			9/17/2012	21.08	277.44
			12/10/2012	24.68	273.84
			5/15/2013	29.05	269.47
			9/25/2013	29.44	269.08
RW-3	261.04 - 289.04	296.04	10/14/2002	21.48	274.56
			9/10/2004	6.03	290.01
			9/27/2005	30.55	265.49
			8/1/2006	30.61	265.43
			8/6/2007	24.80	271.24
			8/12/2008	31.54	264.50
			3/16/2009	27.94	268.10
			9/15/2009	19.98	276.06
			3/24/2010	11.09	284.95
			9/20/2010	31.40	264.64
			3/21/2011	28.71	267.33
			8/3/2011	21.51	274.53
			3/21/2012	16.21	279.83
			9/17/2012	22.32	273.72
			12/10/2013	31.46	264.58
			5/15/2013	31.80	264.24
			9/25/2013	31.90	264.14

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
RW-4	273.30 - 293.30	303.30	9/5/2003	10.43	292.87
			9/10/2004	Inaccessible	NA
			9/27/2005	26.49	276.81
			8/1/2006	24.57	278.73
			8/6/2007	21.66	281.64
			8/12/2008	24.71	278.59
			3/16/2009	26.29	277.01
			9/15/2009	26.14	277.16
			3/24/2010	26.82	276.48
			9/20/2010	26.78	276.52
			3/21/2011	26.80	276.50
			8/3/2011	24.77	278.53
			3/21/2012	24.82	278.48
			9/17/2012	24.70	278.60
			12/10/2013	24.72	278.58
			5/15/2013	23.98	279.32
			9/25/2013	23.11	280.19
RW-5	268.00 - 288.00	298.00	9/4/2003	11.25	286.75
			9/10/2004	11.35	286.65
			9/27/2005	26.52	271.48
			8/1/2006	25.60	272.40
			8/6/2007	27.06	270.94
			8/12/2008	12.75	285.25
			3/16/2009	26.38	271.62
			9/15/2009	13.26	284.74
			3/24/2010	26.43	271.57
			9/20/2010	26.96	271.04
			3/21/2011	NM	--
			8/3/2011	23.61	274.39
			3/21/2012	23.64	274.36
			9/17/2012	23.67	274.33
			12/10/2012	23.66	274.34
			5/15/2013	23.86	274.14
			9/25/2013	23.85	274.15
RW-6	262.30 - 282.30	302.30	9/5/2003	8.96	293.34
			9/10/2004	Inaccessible	NA
			9/27/2005	26.92	275.38
			8/1/2006	25.56	276.74
			8/6/2007	26.25	276.05
			8/12/2008	26.16	276.14
			3/16/2009	26.66	275.64
			9/15/2009	26.24	276.06
			3/24/2010	26.82	275.48
			9/20/2010	25.82	276.48
			3/21/2011	25.92	276.38
			8/3/2011	33.70	268.60
			3/21/2012	33.26	269.04
			9/17/2012	33.58	268.72
			12/10/2013	33.55	268.75
			5/15/2013	32.09	270.21
			9/25/2013	30.18	272.12
RVW-101	--	--	9/15/2009	DRY	--
			9/20/2010	DRY	--
			12/10/2012	DRY	--
			5/15/2013	DRY	--
			9/20/2013	DRY	--
RW-101C	--	--	9/20/2010	11.39	--
			3/21/2012	10.17	--
			12/10/2012	11.25	--
			5/15/2013	NM	--
			9/20/2013	10.98	--

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
RVW-103	--	--	9/15/2009	DRY	--
			9/20/2010	DRY	--
			8/3/2011	5.59	--
			3/21/2012	DRY	--
			9/17/2012	6.31	--
			12/10/2012	DRY	--
			5/15/2013	DRY	--
			9/20/2013	DRY	--
RVW-104	--	--	8/6/2007	8.98	--
			8/13/2008	8.71	--
			9/15/2009	8.54	--
			9/20/2010	9.27	--
			8/3/2011	8.42	--
			3/21/2012	8.40	--
			9/17/2012	9.26	--
			12/10/2012	9.46	--
			5/15/2013	8.48	
			9/20/2013	8.48	
RVW-105Q	--	--	8/6/2007	10.36	--
			9/15/2009	10.12	--
			9/20/2010	DRY	--
			12/10/2012	11.20	--
			5/15/2013	9.82	
			9/20/2013	10.45	
RVW-106	--	--	8/6/2007	10.63	--
			8/12/2008	10.50	--
			3/16/2009	10.12	
			9/15/2009	10.39	--
			9/20/2010	12.24	--
			8/3/2011	10.21	--
			3/21/2012	10.56	--
			12/10/2012	11.32	--
			5/15/2013	10.18	
			9/20/2013	10.70	
RW-108A	273.7 - 278.7	304.83	10/15/2002	13.15	291.68
			9/5/2003	NM	NA
			9/10/2004	Inaccessible	NA
			9/27/2005	NM	NA
			8/1/2006	11.55	293.28
			8/6/2007	12.23	292.60
			8/12/2008	11.89	292.94
			9/15/2009	10.68	294.15
			9/20/2010	15.16	289.67
			3/21/2012	11.24	293.59
			9/17/2012	11.70	293.13
			12/10/2012	11.59	293.24
			9/20/2013	12.15	292.68
RW-302	292.3 - 297.3	305.30	10/15/2002	11.01	294.29
			9/5/2003	NM	NA
			9/10/2004	Inaccessible	NA
			9/27/2005	NM	NA
			8/1/2006	NM	NA
			8/12/2008	DRY	NA
			9/15/2009	DRY	NA
RW-303	288.8 - 293.8	304.96	10/15/2002	13.43	291.53
			9/5/2003	9.94	295.02
			9/10/2004	10.52	294.44
			9/27/2005	11.32	293.64
			8/1/2006	NM	NA
			8/6/2007	10.42	294.54
			8/12/2008	10.24	294.72
			9/15/2009	10.02	294.94
			9/20/2010	10.82	294.14
			8/3/2011	9.42	295.54
			3/21/2012	DRY	NA
			9/17/2012	9.91	295.05
			12/10/2012	10.69	294.27
			5/15/2013	9.71	295.25
			9/20/2013	10.44	294.52

TABLE 2
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS - 2002 THROUGH 2013
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Well Number	Well Screen Elevation[2] *(ft)*	Measuring Point[1] Elevation[2] *(ft)*	Date Measured	Depth to Water Below Measuring Point *(ft)*	Elevation[2] *(ft)*
RW-401	279.5 - 284.5	304.50	10/15/2002	DRY	NA
			9/5/2003	NM	NA
			9/10/2004	Inaccessible	NA
			9/27/2005	NM	NA
			8/1/2006	9.80	294.70
			8/6/2007	10.61	293.89
			8/12/2008	10.52	293.98
			9/15/2009	10.28	294.22
			3/21/2012	9.79	294.71
			5/15/2013	10.02	294.48
			9/20/2013	10.89	293.61
RW-402	275.8 - 280.8	304.60	10/15/2002	NM	NA
			9/5/2003	9.99	294.61
			9/10/2004	10.90	293.70
			9/27/2005	NM	NA
			8/1/2006	10.30	294.30
			8/6/2007	11.22	293.38
			8/13/2008	11.04	293.56
			9/15/2009	10.83	293.77
			3/21/2012	10.33	294.27
			12/10/2012	11.83	292.77
			5/15/2013	10.53	294.07
			9/20/2013	11.42	293.18
RW-403	283.8 - 288.8	304.60	10/15/2002	DRY	NA
			9/5/2003	10.05	294.55
			9/10/2004	NM	NA
			9/27/2005	NM	NA
			8/1/2006	10.36	294.24
			8/6/2007	11.20	293.40
			8/12/2008	10.97	293.63
			9/15/2009	10.82	293.78
			3/21/2012	10.37	294.23
			12/10/2012	11.88	292.72
			5/15/2013	10.52	294.08
			9/20/2013	11.42	293.18
RW-404	289.3 - 294.3	304.70	10/15/2002	13.25	291.45
			9/5/2003	10.44	294.26
			9/10/2004	DRY	NA
			9/27/2005	NM	NA
			8/1/2006	10.63	294.07
			8/6/2007	DRY	NA
			8/12/2008	NM	NA
			9/15/2009	DRY	NA
			3/21/2012	10.58	294.12
			9/17/2012	11.00	293.70
			12/10/2012	10.79	293.91
			9/20/2013	6.91	297.79

NOTES:

1. Measuring point refers to top of PVC casing, unless otherwise noted. Measuring point is ground surface for wells RW-1, RW-2, RW-3, and RW-302.
2. All elevations are referenced to the National Geodetic Vertical Datum of 1929. Well screen elevations for off-property monitoring wells MS-MW-6 and MS-MW-7 are based on measured depths to bottom and assumed screen lengths of 5 feet.
3. Piezometers PZ-1 and PZ-2 were re-installed and surveyed in on July 29, 2011. There were subsequently destroyed by Tropical Storm Irene in August 2011.

ABBREVIATIONS:

ft = feet
NM = not measured
NA = not applicable since DTW not measured

TABLE 3
TREATED EFFLUENT - TOTAL FLOW TO THE POTW

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

DATE RANGE		FLOW THIS PERIOD *(gallons)*	TOTAL FLOW TO DATE *(gallons)*	FLOW RATE *(gpm)*
8/31/2005	9/14/2005	161,372	161,372	8.0
9/14/2005	9/27/2005	131,633	293,005	7.0
9/27/2005	11/1/2005	337,886	630,891	7.8
11/2/2005	12/15/2005	359,050	989,941	5.8
12/16/2005	1/23/2006	632,628	1,622,569	11.6
1/24/2006	2/10/2006	324,897	1,947,466	13.3
2/10/2006	3/9/2006	557,406	2,504,872	14.3
3/10/2006	5/12/2006	661,212	3,166,084	9.2
5/13/2006	6/16/2006	331,133	3,497,217	7.7
6/17/2006	7/27/2006	663,256	4,160,473	11.5
7/28/2006	8/30/2006	410,665	4,571,138	8.6
8/31/2006	9/20/2006	154,596	4,725,734	5.4
9/21/2006	11/13/2006	637,235	5,362,969	8.3
11/14/2006	12/20/2006	400,140	5,763,109	7.7
12/21/2006	1/19/2007	142,598	5,905,708	12.6
1/20/2007	2/23/2007	458,561	6,364,269	9.4
2/24/2007	3/14/2007	295,129	6,659,398	11.9
3/15/2007	4/13/2007	616,262	7,275,660	14.8
4/14/2007	5/15/2007	786,014	8,061,674	17.6
5/16/2007	6/19/2007	657,313	8,718,987	13.4
6/20/2007	7/17/2007	527,728	9,246,715	13.6
7/18/2007	8/21/2007	677,717	9,924,432	13.8
8/22/2007	9/20/2007	535,867	10,460,299	12.8
9/21/2007	10/20/2007	452,119	10,912,418	10.8
10/21/2007	11/19/2007	195,089	11,107,507	5.4
11/20/2007	12/20/2007	460,501	11,568,008	10.7
12/21/2007	1/23/2008	517,999	12,086,007	10.6
1/24/2008	2/28/2008	605,641	12,691,648	11.7
3/1/2008	4/29/2008	899,227	13,590,875	10.2
4/30/2008	5/13/2008	264,583	13,855,458	13.1
5/14/2008	6/18/2008	591,357	14,446,815	11.4
6/19/2008	7/31/2008	718,704	15,165,519	11.6

TABLE 3
TREATED EFFLUENT - TOTAL FLOW TO THE POTW
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

DATE RANGE		FLOW THIS PERIOD *(gallons)*	TOTAL FLOW TO DATE *(gallons)*	FLOW RATE *(gpm)*
8/1/2008	8/29/2008	399,226	15,564,745	9.6
8/30/2008	9/26/2008	374,701	15,939,446	9.3
9/27/2008	10/24/2008	626,459	16,565,905	15.5
10/25/2008	11/14/2008	353,018	16,918,923	11.7
11/15/2008	12/29/2008	867,867	17,786,790	13.4
12/30/2008	1/13/2009	230,617	18,017,407	10.7
1/14/2009	2/12/2009	483,870	18,501,277	11.2
2/13/2009	3/16/2009	533,389	19,034,666	11.6
3/17/2009	4/28/2009	709,063	19,743,729	11.5
4/29/2009	5/27/2009	483,319	20,227,048	11.6
5/28/2009	6/18/2009	465,047	20,692,095	14.7
6/19/2009	7/22/2009	634,999	21,327,094	13.0
7/23/2009	8/21/2009	510,335	21,837,429	11.8
8/22/2009	9/22/2009	542,370	22,379,799	11.8
9/23/2009	10/12/2009	267,119	22,646,918	9.3
10/13/2009	11/24/2009	531,309	23,178,227	8.6
11/25/2009	12/22/2009	330,180	23,508,407	8.2
12/23/2009	1/29/2010	425,089	23,933,496	7.8
1/30/2010	2/24/2010	369,701	24,303,197	9.9
2/25/2010	3/25/2010	547,095	24,850,292	13.1
3/26/2010	4/14/2010	355,896	25,206,188	12.4
4/15/2010	5/13/2010	438,789	25,644,977	10.5
5/14/2010	6/23/2010	531,255	26,176,232	9.0
6/24/2010	7/16/2010	205,054	26,381,286	6.2
7/17/2010	8/17/2010	360,276	26,741,562	7.8
8/18/2010	9/22/2010	394,844	27,136,406	7.6
9/23/2010	10/21/2010	359,259	27,495,665	8.6
10/22/2010	11/11/2010	288,015	27,783,680	9.5
11/12/2010	12/16/2010	490,737	28,274,417	9.7
12/17/2010	1/19/2011	416,370	28,690,787	8.5

TABLE 3
TREATED EFFLUENT - TOTAL FLOW TO THE POTW
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

DATE RANGE		FLOW THIS PERIOD *(gallons)*	TOTAL FLOW TO DATE *(gallons)*	FLOW RATE *(gpm)*
1/20/2011	2/21/2011	397,360	29,088,147	8.4
2/22/2011	3/21/2011	485,240	29,573,387	12.0
3/22/2011	4/29/2011	698,801	30,272,188	12.4
4/30/2011	5/20/2011	373,459	30,645,647	12.3
5/21/2011	6/29/2011	738,281	31,383,928	12.8
6/30/2011	7/12/2011	223,018	31,606,946	11.9
7/13/2011	8/24/2011	655,980	32,262,926	10.6
8/25/2011	9/23/2011	514,441	32,777,367	11.9
9/24/2011	10/29/2011	671,234	33,448,601	12.9
10/30/2011	11/17/2011	111,865	33,560,466	4.1
11/18/2011	12/27/2011	805,408	34,365,874	14.0
12/28/2011	1/19/2012	449,302	34,815,176	13.6
1/20/2012	2/16/2012	409,674	35,224,850	10.2
2/17/2012	3/23/2012	484,794	35,709,644	9.4
3/24/2012	4/15/2012	247,328	35,956,972	7.5
4/16/2012	5/28/2012	340,356	36,297,328	5.5
5/29/2012	6/28/2012	265,774	36,563,102	6.0
6/29/2012	7/30/2012	262,690	36,825,792	5.7
7/31/2012	8/27/2012	376,210	37,202,002	9.3
9/8/2012	9/30/2012	319,542	37,521,544	6.5
10/1/2012	10/18/2012	177,890	37,699,434	6.9
10/19/2012	11/20/2012	363,631	38,063,065	7.7
11/21/2012	12/28/2012	397,228	38,460,293	7.3
12/29/2012	1/31/2013	336,706	38,796,999	6.9
2/1/2013	2/22/2013	242,633	39,039,632	7.7
2/23/2013	3/20/2013	408,912	39,448,544	10.9
3/21/2013	4/29/2013	529,893	39,978,437	9.2
4/30/2013	5/22/2013	201,575	40,180,012	6.1

TABLE 3
TREATED EFFLUENT - TOTAL FLOW TO THE POTW
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

DATE RANGE		FLOW THIS PERIOD *(gallons)*	TOTAL FLOW TO DATE *(gallons)*	FLOW RATE *(gpm)*
5/23/2013	6/28/2013	445,140	40,625,152	8.4
6/29/2013	7/31/2013	558,995	41,184,147	11.8
8/1/2013	8/29/2013	551,255	41,735,402	13.2
8/30/2013	9/25/2013	341,300	42,076,702	8.8
9/26/2013	10/31/2013	487,524	42,564,226	9.4
11/1/2013	11/27/2013	389,616	42,953,842	10.0

TABLE 4
VOCs DETECTED IN TREATED EFFLUENT
Groundwater Migration Control System
Former Risdon Facility - Danbury, Connecticut

SAMPLING DATE	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	cis-1,2-Dichloroethene	Tetrachloroethene	Tetrahydrofuran	Trichloroethene		Total VOCs
01-SEP-05	**59**	<3.8	**3.7**	<25	**3.5**	<2.5	**54**	**170**		290.2
02-SEP-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
06-SEP-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.53**		0.5
08-SEP-05	**150**	**2.5**	**8.6**	<5	**9.4**	**2.4**	<10	**290**		462.9
09-SEP-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
12-SEP-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	**20**	**0.66**		20.7
14-SEP-05	**10**	<0.75	<0.5	<5	<0.5	<0.5	**10**	**16**		36.0
21-SEP-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
28-SEP-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
05-OCT-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
12-OCT-05	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
10-NOV-05	**0.52**	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.81**		1.3
13-DEC-05	**0.87**	<0.75	<0.5	<5	<0.5	<0.5	<10	**1.2**		2.1
18-JAN-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
09-MAR-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
04-MAY-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
12-MAY-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
30-JUN-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
27-JUL-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
30-AUG-06	**14**	<0.75	**0.74**	**5**	**0.75**	<0.5	<10	**25**		45.5
20-SEP-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
09-OCT-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.63**		0.6
13-NOV-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	**7.2**		7.2
20-DEC-06	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
19-JAN-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.81**		0.8
23-FEB-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
14-MAR-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
17-APR-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
15-MAY-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
19-JUN-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
17-JUL-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
21-AUG-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
20-SEP-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
20-OCT-07	<0.5	<0.75	<0.5	**6.5**	<0.5	<0.5	<10	<0.5		6.5
13-NOV-07	**22**	<0.75	**1.7**	**8.3**	**1.2**	**0.76**	<10	**30**		64.0
20-DEC-07	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
23-JAN-08	<0.5	<0.75	<0.5	**5.4**	<0.5	<0.5	<10	<0.5		5.4
28-FEB-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
27-MAR-08	<0.5	<0.75	<0.5	**5.5**	<0.5	<0.5	<10	<0.5		5.5
29-APR-08	<0.5	<0.75	<0.5	**7.4**	<0.5	<0.5	<10	<0.5		7.4
13-MAY-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
18-JUN-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
13-AUG-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
29-AUG-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
26-SEP-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
24-OCT-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
14-NOV-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
29-DEC-08	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
13-JAN-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
12-FEB-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
16-MAR-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
28-APR-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.83**		0.8
27-MAY-09	**1.3**	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.51**		1.8
18-JUN-09	**0.71**	<0.75	<0.5	<5	<0.5	<0.5	<10	**1.7**		2.4
22-JUL-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
31-AUG-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
22-SEP-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.53**		0.5
12-OCT-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
24-NOV-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
22-DEC-09	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
29-JAN-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
24-FEB-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
25-MAR-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
14-APR-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
13-MAY-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
23-JUN-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	**0.76**		0.8
16-JUL-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
17-AUG-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
22-SEP-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
21-OCT-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<10	<0.5		non-detect
11-NOV-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
16-DEC-10	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<5		non-detect

TABLE 4
VOCs DETECTED IN TREATED EFFLUENT
Groundwater Migration Control System
Former Risdon Facility - Danbury, Connecticut

SAMPLING DATE	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	cis-1,2-Dichloroethene	Tetrachloroethene	Tetrahydrofuran	Trichloroethene		Total VOCs
19-JAN-11	<1.0	<1	<1	<10	<1	<1	<2	<1		non-detect
21-FEB-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		25.9
21-MAR-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
29-APR-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
20-MAY-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
29-JUN-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
12-JUL-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**1.1**		1.1
24-AUG-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**2.9**		2.9
23-SEP-11	**1.2**	<0.75	<0.5	<5	<0.5	<0.5	<5	**1.8**		3.0
29-OCT-11	**0.51**	<0.75	<0.5	**28**	<0.5	<0.5	**26**	<0.5		258.4
17-NOV-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**0.65**		7.3
27-DEC-11	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**0.71**		0.7
19-JAN-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**0.87**		9.8
16-FEB-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**1.6**		1.6
23-MAR-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
15-APR-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
29-MAY-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
28-JUN-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
30-JUL-12	**0.92**	<0.75	<0.5	<5	<0.5	<0.5	<5	**1.5**		2.4
27-AUG-12	**0.85**	<0.75	<0.5	<5	<0.5	<0.5	<5	**1.3**		2.2
30-SEPT-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**0.72**		0.72
18-OCT-12	**0.56**	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		0.56
20-NOV-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
28-DEC-12	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
31-JAN-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
22-FEB-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		0.1
20-MAR-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
29-APR-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
22-MAY-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	**0.61**		0.61
26-JUN-13	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*		*not analyzed*
31-JUL-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
29-AUG-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
25-SEP-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
31-OCT-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect
27-NOV-13	<0.5	<0.75	<0.5	<5	<0.5	<0.5	<5	<0.5		non-detect

Note:
All results presented in ug/l
Data collected on January 19, 2011 was analyzed by Spectrum Analytical.
Bold indicates a detection.
'NA' indicates sample was not analyzed during this event.
Additional detections not provided in this table include:
Feb 21, 2011 - n-Butylbenzene at 2.7 ug/l, p-Isopropyltoluene at 16 ug/l, and sec-Butylbenzene at 7.2 ug/l
October 29, 2011 - bromomethane at 3.9 ug/l and p-isopropyltoluene at 200 ug/l
Nov 17, 2011 - p-isopropyltoluene at 6.6 ug/l
Jan 19, 2012 - p-isopropyltoluene at 8.9 ug/l
Feb 22, 2013 - p-isopropyltoluene at 12 ug/l.

TABLE 5
SUMMARY OF INORGANICS IN TREATED EFFLUENT
Groundwater Migration Control Treatment System
Former Risdon Facility, Danbury, Connecticut

ANALYSIS	Antimony, Total	Arsenic, Total	Beryllium, Total	Cadmium, Total	Chromium, Total	Chromium, Hexavalent	Copper, Total	Cyanide, Total	Cyanide, amenable	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
GENERAL PERMIT DISCHARGE LIMIT *(ug/l)*	NL	100	2,000	100	1,000	100	1,000	600	100	100	5	1,000	1,000	100	1,000	1,000
06-Sep-05	<6	<4	<5	<4	<10	NA	**10**	NA	NA	**11**	<0.2	<25	<5	<7	<5	**50**
03-Dec-05	<6,000	<5	<5	<5	<10	NA	**70**	NA	NA	<10	<0.2	**30**	<5	<10	<5	**172**
09-Mar-06	<6	<5	<5	<5	<10	NA	**40**	NA	NA	<10	<0.2	<25	<5	<10	<5	**50**
27-Jul-06	<6	<5	<4	<5	<10	NA	**40**	NA	NA	<10	<0.2	<25	<10	<7	<5	**80**
20-Sep-06	<50	<5	<5	<5	<10	NA	**50**	NA	NA	<10	<0.2	<25	<10	<7	<5	**100**
20-Dec-06	<50	<4	<5	<5	**30**	NA	**271**	NA	NA	<10	<0.2	**30**	<10	<7	<5	**180**
14-Mar-07	<50	<5	<5	<5	<10	NA	**91**	NA	NA	<10	<0.2	<25	<10	<7	<5	<50
28-Jun-07	<50	<5	<5	<5	<10	NA	**47**	NA	NA	<10	<0.2	<25	<10	<7	<20	<50
20-Sep-07	<50	<5	<5	<5	<10	NA	**133**	NA	NA	<10	<0.2	<25	<10	<7	<20	**114**
21-Dec-07	<50	<5	<5	<5	<10	NA	**40**	NA	NA	<10	<0.2	<25	<10	<7	<20	<50
27-Mar-08	<50	<5	<5	<5	<10	**10**	**59**	NA	NA	<10	<0.2	<25	<10	<7	<20	<50
18-Jun-08	<50	<5	<5	<5	<10	NA	**73**	NA	NA	<10	<0.2	<25	<10	<7	<20	<50
26-Sep-08	<50	<5	<5	<5	<10	<10	**96**	<10	<10	<10	<0.2	<25	<10	<7	<20	**72**
29-Dec-08	<50	<5	<5	<5	**20**	NA	**162**	NA	NA	<10	<0.2	<25	<10	<7	<20	**90**
16-Mar-09	<50	<5	<5	<5	<10	<10	**159**	**82**	**16**	<10	<0.2	<25	<10	<7	<20	<50
18-Jun-09	<50	<5	<5	<5	**10**	**20**	**77**	**21**	<10	<10	<0.2	<25	<10	<7	<20	<50
22-Sep-09	<2	<5	<4	<5	**10**	<10	**671**	**339**	<10	<10	<0.2	<25	<10	<7	<2	**133**
12-Oct-09	NA	NA	NA	NA	NA	NA	NA	<10	**9**	NA	NA	NA	NA	NA	NA	NA
22-Dec-09	<0.5	<0.5	<0.5	<5	**20**	NA	**250**	NA	NA	<10	<0.2	<25	<10	<7	<2	<50
25-Mar-10	<2	<2	<2	<5	**20**	**20**	**86**	**27**	<10	<10	<0.2	<25	<10	<7	<2	**53**
23-Jun-10	<2	<2	<2	<5	<10	NA	**103**	NA	NA	<10	<0.2	<25	<10	<7	<2	**59**
22-Sep-10	**0.5**	<0.5	<0.5	<5	<10	<10	**20**	<10	<10	<10	<0.2	<25	<10	<7	<0.5	<50
16-Dec-10	<0.5	<0.5	<0.5	<5	<10	<10	**37**	<10	<10	<10	<0.02	<25	<10	<7	<0.5	<50
21-Mar-11	<1.0	<0.5	<0.5	<5	**30**	**30**	**61**	**15**	<10	<10	<0.2	<25	<10	<7	<0.5	<50
29-Jun-11	<1.0	<0.5	<0.5	<5	<10	NA	**92**	NA	NA	<10	<0.2	<25	<10	<7	<0.5	<50
23-Sep-11	<1.0	<0.5	<0.5	<5	**20**	**20**	**85**	**13**	<10	<10	<0.2	<25	<10	<7	<0.5	<50
27-Dec-11	**0.6**	<0.5	<0.5	<5	<10	NA	**91**	NA	NA	<10	<0.2	<25	<10	<7	<0.5	**53**
23-Mar-12	**0.5**	<0.5	<0.5	<5	<10	<10	**60**	<5	<10	<10	<0.2	<25	<10	<7	<0.5	<50
28-Jun-12	**0.8**	**0.8**	<0.5	<5	<10	NA	**76**	NA	NA	<10	<0.2	<25	<10	<7	<0.5	**54**
30-Sep-12	**0.8**	<0.5	<0.5	<5	<10	<10	**80**	**70**	<10	<10	<0.2	<25	<10	<7	<0.5	**52**
28-Dec-12	**0.9**	<0.5	<0.5	<5	<10	NA	**53**	NA	NA	<10	<0.2	<25	<10	<7	<0.5	<50
20-Mar-13	<0.5	<0.5	<0.5	<5	**11**	**10**	**31**	**10**	**10**	<10	<0.2	<25	<10	<7	<0.5	<50
26-Jun-13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-Sep-13	<0.5	<0.5	<0.5	<5	<11	<10	**478**	<5	<10	**45**	<0.2	<25	<10	<7	<0.5	<50

Notes:
1. All results presented above in ug/l.
2. NA indicates that the sample was not analyzed for that parameter.
3. NL indicates that no limit is set in the General Permit.

TABLE 6
SUMMARY OF TREATMENT SYSTEM INFLUENT AND EFFLUENT ANALYTICAL DATA
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Date	Influent		Effluent	
	pH	Total VOCs (mg/l)	pH	Total VOCs (mg/l)
09/01/05	--	--	8.0	0.29
09/02/05	--	--	8.0	0.00
09/06/05	7.0	10.86	8.3	0.0005
09/08/05	--	--	7.6	0.46
09/09/05	--	--	7.3	0.00
09/12/05	--	--	NM	0.02
09/14/05	--	--	8.3	0.03
09/21/05	7.1	10.05	8.2	0.00
09/28/05	--	--	8.2	0.00
10/05/05	--	--	7.9	0.00
10/12/05	--	--	7.9	0.00
11/10/05	--	--	8.1	0.0013
12/13/05	--	9.27	NM	0.0021
01/18/06	--	--	7.9	0.00
02/13/06	--	--	7.9	0.00
03/09/06	--	8.12	7.5	0.00
05/04/06	--	--	NM	0.00
05/12/06	--	8.58	NM	0.00
06/30/06	--	--	NM	0.00
07/27/06	--	13.81	NM	0.00
08/30/06	--	--	7.0	0.045
09/20/06	--	14.79	7.0	0.000
10/09/06	--	--	7.9	0.0006
11/13/06	--	--	7.5	0.0072
12/20/06	--	9.9	7.5	0.00
01/19/07	--	--	8.1	0.0008
02/23/07	--	--	8.2	0.00
03/14/07	--	10.83	8.0	0.00
04/17/07	--	--	8.2	0.00
05/15/07	--	--	8.2	0.00
06/19/07	--	14.42	8.2	0.00
07/17/07	--	--	8.1	0.00
08/21/07	--	--	8.2	0.00
09/20/07	7.4	9.72	8.3	0.00
10/20/07	--	--	8.1	0.0065
11/13/07	--	--	8.2	0.0640
12/21/07	7.5	14.42	8.2	0.00
01/23/08	--	--	8.2	0.0054

TABLE 6
SUMMARY OF TREATMENT SYSTEM INFLUENT AND EFFLUENT ANALYTICAL DATA
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Date	Influent		Effluent	
	pH	Total VOCs *(mg/l)*	pH	Total VOCs *(mg/l)*
02/28/08	--	--	NM	0.00
03/27/08	7.6	7.75	8.0	0.0055
04/29/08	--	--	8.0	0.0074
05/13/08	--	--	8.2	0.00
06/18/08	7.4	11.04	8.2	0.00
08/13/08	--	--	8.2	0.00
08/29/08	--	--	8.2	0.00
09/26/08	7.9	7.69	8.3	0.00
10/24/08	--	--	8.2	0.00
11/14/08	--	--	8.2	0.00
12/29/08	7.5	8.57	8.2	0.00
01/13/09	--	--	8.2	0.00
02/12/09	--	--	8.3	0.00
03/16/09	7.6	12.10	8.4	0.00
04/28/09	--	--	8.2	0.00083
05/27/09	--	--	8.3	0.0018
06/18/09	7.7	5.96	8.2	0.0024
07/22/09	--	--	8.2	0.00
08/31/09	--	--	8.2	0.00
09/22/09	7.0	14.90	8.1	0.00053
10/12/09	--	--	8.2	0.00
11/24/09	--	--	8.2	0.00
12/22/09	7.3	9.79	8.3	0.00
01/29/10	--	--	8.0	0.00
02/24/10	--	--	7.2	0.00
03/25/10	7.4	7.19	8.2	0.00
04/14/10	--	--	8.2	0.00
05/13/10	--	--	8.1	0.00
06/23/10	7.3	8.96	8.2	0.00076
07/16/10	--	--	8.1	0.00
08/17/10	--	--	8.3	0.00
09/20/10	8.5	9.41	8.6	0.00
10/21/10	--	--	8.2	0.00
11/11/10	--	--	8.2	0.00
12/16/10	7.8	6.35	8.2	0.00
01/19/11	--	--	8.3	0.00
02/21/11	--	--	8.2	0.0259
03/21/11	7.4	8.34	8.2	0.00

TABLE 6
SUMMARY OF TREATMENT SYSTEM INFLUENT AND EFFLUENT ANALYTICAL DATA
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Date	Influent		Effluent	
	pH	Total VOCs *(mg/l)*	pH	Total VOCs *(mg/l)*
04/29/11	--	--	8.3	0.00
05/20/11	--	--	8.2	0.00
06/29/11	8.0	8.76	8.2	0.00
07/12/11	--	--	8.3	0.0011
08/24/11	--	--	8.2	0.0029
09/23/11	7.3	7.57	8.2	0.003
10/29/11	--	--	8.1	0.2584
11/17/11	--	--	8.4	0.0073
12/27/11	7.5	6.61	8.3	0.00071
01/19/12	--	--	8.2	0.0098
02/13/12	--	--	8.2	0.0016
03/23/12	7.3	7.96	8.3	0.00
04/15/12	--	--	8.3	0.00
05/28/12	--	--	8.2	0.00
06/28/12	7.1	8.77	8.3	0.00
07/30/12	--	--	8.3	0.0024
08/27/12	--	--	8.2	0.00215
09/30/12	7.5	7.17	8.3	0.00072
10/18/12	--	--	8.2	0.00056
11/20/12	--	--	8.2	0.00
12/28/12	7.3	7.39	8.1	0.00
01/31/13	--	--	8.3	0.00
02/22/13	--	--	8.2	0.012
03/20/13	7.3	6.63	8.1	0.00
04/29/13	--	--	8.2	0.00
05/22/13	--	--	8.1	0.00061
06/26/13	7.3	--	8.2	--
07/31/13	--	--	8.0	0.00
08/29/13	--	--	8.1	0.00
09/25/13	7.2	7.02	8.2	0.00
10/24/13	--	--	8.1	0.00
11/27/13	--	--	8.1	0.00
General Permit Discharge Limits			must be between 5 and 9	5

Note:
(1) If no influent VOC data is available for a date, the effliciency calculation assumes influent concentration is equal to most recent analytical data.

TABLE 7
VOCs DETECTED IN COMBINED INFLUENT GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

SAMPLING DATE	1,1,1-Trichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene		Total VOCs (ug/l)	Total VOCs (mg/l)
06-SEP-05	**2,200**	**160**	<100	<100	**8,500**		10,860	10.86
21-SEP-05	**3,400**	**240**	**110**	<100	**6,300**		10,050	10.05
13-DEC-05	**6,000**	**470**	<100	<100	**2,800**		9,270	9.27
09-MAR-06	**4,600**	**320**	<100	<100	**3,200**		8,120	8.12
11-MAY-06	**4,600**	**270**	**110**	<50	**3,600**		8,580	8.58
27-JUL-06	**4,500**	**370**	**140**	**200**	**8,600**		13,810	13.81
20-SEP-06	**4,800**	**430**	**140**	**220**	**9,200**		14,790	14.79
20-DEC-06	**6,500**	**300**	<100	<100	**3,100**		9,900	9.90
14-MAR-07	**5,500**	**420**	**110**	<100	**4,800**		10,830	10.83
28-JUN-07	**11,000**	**820**	<100	<100	**2,600**		14,420	14.42
20-SEP-07	**5,000**	**390**	**130**	<100	**4,200**		9,720	9.72
20-DEC-07	**8,100**	**940**	**200**	**80**	**5,100**		14,420	14.42
27-MAR-08	**4,700**	**350**	**100**	<50	**2,600**		7,750	7.75
18-JUN-08	**4,600**	**480**	**160**	**100**	**5,700**		11,040	11.04
26-SEP-08	**3,200**	**280**	**100**	**110**	**4,000**		7,690	7.69
29-DEC-08	**2,400**	**260**	**110**	**200**	**5,600**		8,570	8.57
16-MAR-09	**6,700**	**920**	**76**	**100**	**4,300**		12,096	12.10
16-JUN-09	**3,500**	**380**	**77**	<50	**2,000**		5,957	5.96
22-SEPT-09	**7,700**	**430**	**92**	**190**	**6,500**		14,912	14.91
22-DEC-09	**4,700**	**520**	**170**	<50	**4,400**		9,790	9.79
25-MAR-10	**4,000**	**140**	<50	**150**	**2,900**		7,190	7.19
23-JUN-10	**3,600**	**400**	**60**	**100**	**4800**		8,960	8.96

TABLE 7
VOCs DETECTED IN COMBINED INFLUENT GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

SAMPLING DATE	1,1,1-Trichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene		Total VOCs (ug/l)	Total VOCs (mg/l)
22-SEP-10	**4,600**	**350**	**91**	**170**	**4,200**		9,411	9.41
16-DEC-10	**3,700**	**360**	**94**	<50	**2,200**		6,354	6.35
21-MAR-11	**6,400**	**390**	**52**	<50	**1,500**		8,342	8.34
29-JUN-11	**3,500**	**340**	**50**	**170**	**4,700**		8,760	8.76
23-SEP-11	**4,900**	**360**	**59**	**54**	**2,200**		7,573	7.57
27-DEC-11	**3,600**	**320**	<50	**86**	**2,600**		6,606	6.61
23-MAR-12	**3,400**	**360**	**58**	**120**	**4,000**		7,959	7.96
28-JUN-12	**4,200**	**350**	**82**	**140**	**4,000**		8,772	8.77
30-SEPT-12	**4,100**	**400**	**99**	**68**	**2,500**		7,167	7.17
28-DEC-12	**3,800**	**400**	**76**	**110**	**3,000**		7,386	7.39
20-MAR-13	**3,700**	**270**	**63**	<250	**2,600**		6,633	6.63
26-JUN-13	*NA*	*NA*	*NA*	*NA*	*NA*		--	--
25-SEP-13	**3,680**	**386**	<25	**75**	**2,880**		7,021	7.02

Note:
All results presented in micrograms per liter (ug/l), unless otherwise noted.
1,1-DCA was detected in the sample collected on March 23, 2012 at 21 ug/l.
Bold indicates a detection.
'NA' indicates the sample was not analyzed

TABLE 8
SUMMARY OF INORGANICS IN COMBINED INFLUENT GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility, Danbury, Connecticut

ANALYSIS	Antimony, Total	Arsenic, Total	Beryllium, Total	Cadmium, Total	Chromium, Hexavalent	Chromium, Total	Copper, Total	Cyanide, Total	Cyanide, Amenable	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Thallium, Total	Zinc, Total
6-Sep-05	<6	<4	<4	<5	<20	<10	**20**	<5	<10	<10	<0.2	<25	<5	<7	<5	**70**
4-Nov-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	NA	NA	NA	NA	NA	NA
13-Dec-05	<6,000	<5	<5	<5	NA	<10	**60**	NA	NA	<10	<0.2	<25	<5	<10	<5	**75**
9-Mar-06	<6	<5	<5	<5	NA	<10	**40**	NA	NA	<10	<0.2	<25	<5	<10	<5	<50
11-May-06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	NA	NA	NA	NA	NA	NA
27-Jul-06	<6	<5	<4	<5	NA	<10	**30**	NA	NA	<10	<0.2	<25	<10	<7	<5	<50
20-Sep-06	<50	<5	<5	<5	<20	<10	**50**	<10	<10	<10	<0.2	**28**	<10	<7	<5	**140**
20-Dec-06	<50	<4	<5	<5	NA	**30**	**125**	NA	NA	<10	<0.2	<25	<10	<7	<5	**60**
14-Mar-07	<50	<5	<5	<5	<10	<10	**19**	**21**	<10	<10	<0.2	<25	<10	<7	<5	<50
28-Jun-07	<50	<5	<5	<5	NA	<10	**31**	NA	NA	<10	<0.2	<25	<10	<7	<20	<50
20-Sep-07	<50	<5	<5	<5	<10	<10	**94**	**6**	<10	<10	<0.2	<25	<10	<7	<20	**91**
21-Dec-07	<50	<5	<5	<5	<10	<10	**39**	<10	<10	<10	<0.2	<25	<10	<7	<20	<50
27-Mar-08	<50	<5	<5	<5	<10	**10**	**71**	**11**	<10	<10	<0.2	<25	<10	<7	<20	<50
18-Jun-08	<50	<5	<5	<10	NA	<10	**45**	NA	NA	<10	<0.2	<25	<10	<7	<20	<50
26-Sep-08	<50	<5	<5	<5	<10	<10	**119**	**13**	<10	<10	<0.2	<25	<10	<7	<20	**73**
29-Dec-08	<50	<5	<5	<5	NA	**10**	**169**	NA	NA	<10	<0.2	**26**	<10	<7	<20	**120**
16-Mar-09	<50	<5	<5	<5	<10	<10	**77**	**92**	**16**	<10	<0.2	<25	<10	<7	<20	<50
18-Jun-09	<50	<5	<5	<5	**10**	**10**	**93**	**43**	<10	<10	<0.2	<25	<10	<7	<20	<50
22-Sep-09	<2	<5	<4	<5	<10	<10	**71**	**15**	<10	<10	<0.2	<25	<10	<7	<2	<50
12-Oct-09	NA	NA	NA	NA	NA	NA	NA	**47**	**32**	NA	NA	NA	NA	NA	NA	NA
22-Dec-09	<0.5	<0.5	<0.5	<5	NA	**30**	**174**	NA	NA	<10	<0.2	<25	<10	**8**	<0.5	<50
25-Mar-10	<2	<2	<2	<5	**20**	**20**	**119**	**33**	<10	<10	<0.2	<25	<10	<7	<2	**62**
23-Jun-10	<2	<2	<2	<5	NA	<10	**92**	NA	NA	<10	<0.2	<25	<10	<7	<2	<50
22-Sep-10	**1.5**	<0.5	<0.5	<5	<10	<10	**20**	<10	<10	<10	<0.2	<25	<10	<7	<0.5	<50
16-Dec-10	**8**	<0.5	<0.5	<5	<10	<10	**40**	**28**	<10	<10	<0.2	<25	<10	<7	<0.5	<50
21-Mar-11	<1	<0.5	<0.5	NA	**20**	**30**	**63**	**217**	<10	<10	<0.2	<25	<10	<7	<0.5	<50
29-Jun-11	<1	<0.5	<0.5	<5	NA	<10	**89**	NA	NA	<10	<0.2	<25	<10	<7	<0.5	**59**
23-Sep-11	<1	<0.5	<0.5	<5	**10**	**10**	**70**	**192**	**14**	<10	<0.2	<25	<10	<7	<0.5	<50
27-Dec-11	<0.5	<0.5	<0.5	<5	NA	<10	**96**	NA	NA	<10	<0.2	<25	<10	<7	<0.5	<50
23-Mar-12	<0.5	<0.5	<0.5	<5	<10	<10	**59**	**12**	<10	<10	<0.2	<25	<10	<7	<0.5	<50
28-Jun-12	<0.5	**0.7**	<0.5	<5	NA	<10	**128**	NA	NA	<10	<0.2	<25	<10	<7	<0.5	**82**
30-Sep-12	<0.5	<0.5	<0.5	<5	<10	<10	**77**	**25**	<10	<10	<0.2	<25	<10	<7	<7	<50
28-Dec-12	**1.3**	<0.5	<0.5	<5	NA	<10	**90**	NA	NA	<10	<0.2	<25	<10	<7	<1	<50
20-Mar-13	<0.5	**0.5**	<0.5	<5	**10**	**12**	**35**	**26**	**10**	<10	<0.2	<25	<10	<7	<0.5	<50
26-Jun-13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-Sep-13	<0.5	<0.5	<0.5	<5	<10	<10	**44**	**8**	<10	<10	<0.2	<25	<10	<7	<0.5	<50

Notes:
1. All results presented above in ug/l.
2. NA indicates that the sample was not analyzed for that parameter.

TABLE 9
TVOC-PID HEADSPACE MONITORING RESULTS - September 2013
Groundwater Migration Control Treatment System
Former Risdon Facility, Danbury, CT

Well ID	Date Measured	PID Reading (ppm_v)				
		Maximum	0 sec.	30 sec.	60 sec.	90 sec.
Risdon Monitoring Wells						
MW-1	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-2	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-3	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-4	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-5	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-6	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-7	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-8	9/20/13	**13.0**	**4.0**	**9.8**	**12.0**	**13.0**
MW-9	9/20/13	**1.2**	0.0	**1.2**	0.0	0.0
MW-10	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-11	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-12	9/20/13	**7.3**	**3.4**	**6.3**	**7.3**	**6.6**
MW-13	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-16	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-106A	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-107	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-110A	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-111	9/20/13	**26.7**	**20.2**	**24.3**	**26.7**	**23.0**
MW-112	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-113	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-502	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-503	9/20/13	**0.2**	0.0	**0.1**	**0.1**	**0.2**
MW-503A	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-504	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-505	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-507	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-508	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-508C	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-601A	9/20/13	0.0	0.0	0.0	0.0	0.0
MW-601B	9/20/13	0.0	0.0	0.0	0.0	0.0
Former Recovery Wells						
RW-101C	9/20/13	0.0	0.0	0.0	0.0	0.0
RVW-101	9/20/13	0.0	0.0	0.0	0.0	0.0
RVW-103	9/20/13	0.0	0.0	0.0	0.0	0.0
RVW-104	9/20/13	0.0	0.0	0.0	0.0	0.0
RVW-105(Q)	9/20/13	0.0	0.0	0.0	0.0	0.0
RVW-106	9/20/13	0.0	0.0	0.0	0.0	0.0
RVW-108	9/20/13	0.0	0.0	0.0	0.0	0.0
RW-108A	9/20/13	0.0	0.0	0.0	0.0	0.0
RW-303	9/20/13	0.0	0.0	0.0	0.0	0.0
RW-401	9/20/13	0.0	0.0	0.0	0.0	0.0
RW-402	9/20/13	0.0	0.0	0.0	0.0	0.0
RW-403	9/20/13	0.0	0.0	0.0	0.0	0.0
RW-404	9/20/13	0.0	0.0	0.0	0.0	0.0

Abbreviations/Notes:
PID - photo ionization detector
ppm_v - parts per million by volume
NM - Not Measured

TABLE 10
SUMMARY OF GROUNDWATER FIELD CHEMISTRY PARAMETERS

Groundwater Migration Control Treatment System
Former Risdon Facility, Danbury, Connecticut

Monitoring Well ID	Date	Pump Intake Depth *(ft bmp)*	Purge Rate at Sample Collection *(ml/min)*	Temperature *(°C)*	Specific Conductance *(mS per cm at 25°C)*	Dissolved Oxygen *(mg/l)*	pH *(S.U.)*	Oxidation Reduction Potential *(mV)*	Turbidity *(NTU)*
MW-1	1/30/2002	7.0	75	8.8	1.742	1.4	7.2	308	5.3
	4/26/2002	7.0	125	10.0	1.555	7.0	7.4	162	12.7
	7/25/2002	6.0	150	18.1	2.011	6.7	6.9	574	1
	10/15/2002	6.0	100	12.5	1.544	4.5	7.2	194	<1
	9/10/2003	4.3	100	18.7	1.593	3.1	6.1	374	2.2
	9/15/2004	4.9	100	17.4	1.523	1.6	6.5	570	1.5
	9/28/2005	Low water level - sampled without measuring field chemistry parameters.							
	8/1/2006	Water level dropped below pump intake, allowed well to recharge, then sampled without measuring field chemistry parameters.							
	8/8/2007	5.0	--	18.2	--	--	7.4	93	0.9
	8/12/2008	Water level below pump intake, allowed well to recharge and sampled without measuring field chemistry parameters							
	9/15/2009	8.5	175	17.4	2.125	3.1	6.6	209	6.2
	9/21/2010	Dry	160	16.2	0.030	3.9	7.5	-117	3.9
	9/19/2011	7.9	80	15.6	0.227	8.9	6.9	180	28.2
	9/17/2012	9.4	80	16.9	2.496	1.7	7.1	17	19.3
	9/24/2013	9.2	80	11.6	2.475	4.2	7.1	83	19.0
MW-2	1/29/2002	14.0	50	15.8	0.662	4.2	6.7	194	4.5
	4/25/2002	14.5	50	13.0	0.786	0.7	6.7	297	3.2
	7/25/2002	14.0	100	17.5	0.859	1.8	6.3	457	0.2
	10/15/2002	14.0	125	19.4	0.675	0.4	6.7	268	2.5
	9/9/2003	14.0	110	18.4	1.120	1.5	6.0	326	0.5
	9/15/2004	14.0	100	19.1	1.205	0.6	6.0	549	0.2
	9/28/2005	Low water level - sampled without measuring field chemistry parameters.							
	8/2/2006	Water level dropped below pump intake, allowed well to recharge, then sampled without measuring field chemistry parameters.							
	8/7/2007	14.8	< 100	26.4	0.660	1.9	6.7	-196	4.8
	8/12/2008	14.4	150	18.5	0.672	2.3	6.7	211	18.9
	9/16/2009	14.3	125	14.1	0.654	0.7	6.4	192	13.2
	9/22/2010	14.8	160	17.0	0.586	0.7	6.6	62	86.8
	3/18/2011	12.6	170	15.8	0.264	8.1	6.3	255	1.03
	9/20/2011	13.6	80	18.0	0.469	1.7	6.6	347	3.0
	9/17/2012	14.4	100	19.4	0.528	3.7	6.7	183	14.1
	9/24/2013	14.0	60	19.9	0.539	2.3	6.4	65	25.6
MW-3	1/29/2002	18.0	175	15.6	0.956	0.6	6.6	237	0.9
	4/25/2002	17.5	200	12.8	1.112	0.8	6.7	313	0.9
	7/25/2002	17.0	300	17.5	1.212	3.1	6.6	487	1.3
	10/15/2002	17.0	160	18.8	1.000	0.5	6.6	312	<1.0
	9/9/2003	17.0	150	19.9	0.958	1.2	6.2	362	1.5
	9/15/2004	17.0	160	17.8	0.833	0.4	6.7	412	1
	9/28/2005	17.0	150	19.4	0.723	0.3	5.3	397	0.6
	8/3/2006	17.0	150	24.3	0.784	0.6	5.4	440	0.8
	8/7/2007	20.0	180	19.9	0.697	0.3	6.6	107	0.4
	8/13/2008	20.0	160	17.6	0.705	1.7	6.4	188	0.0
	9/16/2009	18.0	200	18.2	0.628	0.2	6.6	148	0.5
	9/21/2010	17.9	180	19.8	0.016	1.0	7.1	-104	3.0
	9/22/2011	18.0	200	20.3	0.408	4.2	6.7	295	3.8
	9/17/2012	18.0	160	19.2	0.724	1.3	6.8	103	4.8
	9/25/2013	17.7	120	20.5	0.505	3.0	6.8	136	91.0
MW-8	1/29/2002	NM	NM	NM	NM	NM	NM	NM	NM
	4/25/2002	23.5	100	12.1	1.277	2.2	7.1	302	4.1
	7/25/2002	26.0	120	19.8	1.351	4.0	7.2	411	18
	10/15/2002	24.0	150	18.1	1.116	2.0	7.0	306	11.8
	9/9/2003	27.9	150	17.7	1.071	1.4	6.2	375	25
	9/15/2004	28.0	160	16.8	0.786	0.5	5.8	340	10
	9/28/2005	28.0	120	17.8	1.064	0.9	6.5	267	8.7
	8/3/2006	28.0	120	22.0	1.003	0.8	5.6	401	2.6
	8/7/2007	30.0	250	19.3	0.880	1.9	6.8	107	1.3
	8/13/2008	25.0	150	20.6	0.883	0.7	5.3	460	2.6
	9/16/2009	23.5	150	16.4	0.738	1.2	6.8	177	2.9
	9/20/2010	22.7	210	16.7	1.009	0.2	7.1	-27	0.3
	9/20/2011	25.0	200	16.2	0.570	2.0	7.1	301	18.2
	9/17/2012	22.0	140	18.7	1.001	0.4	6.7	113	7.4
	9/24/2013	25.8	160	17.2	0.707	0.4	6.9	111	8.5
MW-9	10/15/2002	NM	NM	NM	NM	NM	NM	NM	NM
	9/9/2003	25.0	150	19.8	1.225	1.3	6.5	354	38
	9/15/2004	25.0	150	17.6	0.809	0.5	7.0	493	8.5
	9/28/2005	24.9	130	17.9	1.410	0.6	4.3	413	31
	8/3/2006	25.0	130	21.9	1.605	0.8	5.4	450	6.6
	8/7/2007	25.0	150	19.8	1.294	1.0	6.7	352	10
	8/12/2008	25.0	190	17.9	1.087	0.7	6.7	238	18.6
	9/16/2009	22.7	240	15.6	1.047	5.4	7.1	135	90
	9/20/2010	22.5	170	21.2	1.346	1.5	7.3	2	26.8
	9/20/2011	25.0	200	17.8	0.414	1.0	7.6	345	14.7
	9/17/2012	22.0	160	19.7	1.042	0.8	6.9	83	8.9
	9/24/2013	22.5	200	21.1	1.193	1.6	7.0	94	3.67

TABLE 10
SUMMARY OF GROUNDWATER FIELD CHEMISTRY PARAMETERS
Groundwater Migration Control Treatment System
Former Risdon Facility, Danbury, Connecticut

Monitoring Well ID	Date	Pump Intake Depth *(ft bmp)*	Purge Rate at Sample Collection *(ml/min)*	Temperature *(°C)*	Specific Conductance *(mS per cm at 25°C)*	Dissolved Oxygen *(mg/l)*	pH *(S.U.)*	Oxidation Reduction Potential *(mV)*	Turbidity *(NTU)*
MW-10	1/29/2002	17.0	70	15.5	1.889	0.8	7.1	180	68.2
	4/25/2002	16.5	80	13.4	0.721	0.7	6.8	290	54.1
	7/25/2002	15.0	100	19.6	0.805	1.7	6.0	425	1.9
	10/15/2002	15.0	150	19.7	0.204	0.8	6.7	270	4.2
	9/9/2003	15.0	140	19.9	0.788	0.7	6.5	343	4.3
	9/15/2004	15.0	140	20.1	0.793	0.5	6.8	526	3.1
	9/27/2005	15.0	125	19.6	0.398	0.5	7.2	131	3.9
	8/2/2006	15.2	100	23.7	0.750	0.7	6.5	-26	9.3
	8/7/2007	15.0	100	22.7	0.639	1.6	6.6	58	0.1
	8/13/2008	15.0	160	22.8	0.321	0.9	6.5	317	NM
	9/16/2009	14.5	100	14.2	0.423	0.3	6.5	7	12.4
	9/22/2010	15.3	120	20.7	0.565	0.6	5.9	49	>1,000
	3/18/2011	14.5	190	13.0	0.319	IM	6.9	207	3.93
	9/22/2011	13.5	80	23.4	0.369	IM	7.1	433	4.5
	9/17/2012	13.9	60	22.2	0.200	3.9	6.7	114	3.1
	9/24/2013	14.1	60	21.9	0.391	1.0	6.7	-18	50.1
MW-11	1/29/2002	21.5	65	13.6	0.654	4.9	6.8	225	6.9
	4/25/2002	20.5	50	12.1	0.713	4.3	6.9	302	0.4
	7/25/2002	20.0	70	18.3	0.751	3.1	6.4	547	0.6
	10/15/2002	20.0	125	15.6	1.121	0.9	7.1	273	<1.0
	9/9/2003	20.0	160	16.9	1.082	4.8	6.2	346	1.1
	9/15/2004	22.0	140	17.1	0.980	2.5	6.3	492	1.8
	9/27/2005	22.0	140	15.5	0.987	1.5	6.5	232	0.9
	8/2/2006	22.0	135	18.3	1.147	0.5	6.0	457	0.7
	8/7/2007	22.0	190	15.6	0.574	0.6	7.1	47	1.4
	8/13/2008	24.0	140	16.2	0.318	1.1	6.4	342	9.8
	9/15/2009	21.8	200	14.9	0.871	0.2	6.6	140	1.9
	9/21/2010	21.0	220	14.1	0.024	0.1	7.5	-146	0.4
	9/20/2011	19.3	150	16.6	0.493	3.7	5.9	143	11.1
	9/17/2012	20.0	200	15.8	0.687	0.2	6.8	34	1.2
	9/25/2013	20.7	160	14.3	0.929	0.3	7.1	56	7.7
MW-14	10/16/2002	14.0	125	16.4	0.190	2.2	6.7	182	18.4
	9/10/2003	14.0	140	21.0	0.450	0.6	6.1	326	25.9
	9/16/2004	14.0	130	18.2	0.630	0.6	6.5	440	36
	9/28/2005	13.5	130	17.8	1.084	0.9	6.5	51	34
	8/2/2006	11.5	120	21.8	0.944	0.8	5.7	150	17
	8/7/2007	11.5	120	22.7	0.852	2.6	6.6	47	5.0
	8/13/2008	10.5	120	19.2	1.147	1.0	6.2	324	9.0
	3/16/2009	10.5	80	10.7	2.427	IM	6.5	142	60.0
	9/15/2009	11.0	100	19.8	1.534	5.9	6.3	69	11
	3/25/2010	13.0	125	11.2	8.250	0.9	6.4	90	58.3
	9/21/2010	10.9	160	18.4	0.021	0.6	6.8	-126	17.7
	3/18/2011	10.1	80	13.0	1.197	1.1	6.4	103	69.5
	9/20/2011	9.8	130	17.6	0.816	2.5	6.3	25	44
	3/22/2012	10.1	80	19.2	1.426	8.0	6.2	-76	36.5
	9/17/2012	13.0	80	21.6	1.095	0.3	6.3	10	9.1
	3/20/2013	10.5	40	5.8	5.105	2.2	6.3	160	58.4
	9/24/2013	11.3	60	18.9	0.981	0.6	6.3	23	17.3
MW-15M	1/29/2002	27.0	75	13.4	1.171	1.1	7.1	240	16
	4/26/2002	27.0	100	12.9	1.149	1.2	7.1	193	3.3
	7/24/2002	27.0	150	17.8	1.197	2.3	6.9	406	3.1
	10/17/2002	27.0	175	16.0	1.180	0.4	7.0	326	3.1
	9/10/2003	27.0	150	18.3	1.193	1.3	5.5	437	4.0
	9/16/2004	23.5	150	18.0	1.149	0.6	5.1	481	3.8
	9/28/2005	23.5	160	16.7	1.444	0.8	7.0	-0.2	0.4
	8/2/2006	23.5	150	21.2	1.186	0.7	6.0	420	1
	8/8/2007	24.0	150	15.7	1.099	0.4	7.2	142	0.6
	8/13/2008	27.0	125	16.4	1.258	0.4	5.5	432	0.4
	3/16/2009	24.0	200	12.6	1.353	0.6	6.9	202	1.0
	9/16/2009	27.0	140	15.2	1.376	0.3	6.9	213	0.4
	3/25/2010	27.0	160	13.7	1.454	0.2	7.0	264	3.8
	9/21/2010	23.2	350	14.5	1.455	0.4	6.9	211	3.5
	3/18/2011	20.1	160	16.0	1.475	1.8	6.7	241	2.0
	9/20/2011	27.0	200	15.6	1.169	1.3	7.1	283	60.5
	3/22/2012	20.1	160	17.3	1.453	0.9	6.9	113	25.0
	9/17/2012	20.1	160	22.7	1.365	0.6	6.8	208	17.6
	3/20/2013	18.0	200	12.1	1.600	0.1	7.0	244	39.7
	9/23/2013	23.3	150	17.5	1.521	0.3	7.0	226	17.6

TABLE 10
SUMMARY OF GROUNDWATER FIELD CHEMISTRY PARAMETERS
Groundwater Migration Control Treatment System
Former Risdon Facility, Danbury, Connecticut

Monitoring Well ID	Date	Pump Intake Depth *(ft bmp)*	Purge Rate at Sample Collection *(ml/min)*	Temperature *(°C)*	Specific Conductance *(mS per cm at 25°C)*	Dissolved Oxygen *(mg/l)*	pH *(S.U.)*	Oxidation Reduction Potential *(mV)*	Turbidity *(NTU)*
MW-111	1/30/2002	14.5	250	14.0	1.598	2.7	4.8	353	3
	4/26/2002	14.0	250	12.8	1.783	3.9	4.8	281	1.3
	7/24/2002	14.0	270	17.7	1.738	4.5	4.5	583	0
	10/17/2002	14.0	200	17.2	1.720	2.1	4.6	390	3.2
	9/10/2003	14.0	150	20.0	1.247	1.9	4.6	402	0.5
	9/16/2004	13.6	150	19.4	1.192	1.0	5.2	582	0
	9/28/2005	14.7	150	19.6	1.246	2.5	6.1	-150	0
	8/2/2006	14.0	220	19.7	1.105	1.1	4.7	247	0.9
	8/8/2007	14.0	290	18.6	1.005	2.8	6.3	435	0
	8/13/2008	15.0	235	18.2	1.108	1.6	5.9	447	0
	3/16/2009	14.0	200	13.1	1.192	2.8	6.5	140	0
	9/15/2009	13.4	210	18.7	1.157	1.9	6.3	132	1.2
	3/25/2010	14.5	160	12.8	0.700	4.2	6.7	224	2.3
	9/22/2010	14.4	100	19.1	1.188	4.1	6.5	130	1.3
	3/18/2011	14.0	200	14.4	0.416	7.2	6.8	98	10.0
	9/21/2011	14.5	200	18.4	0.724	3.4	6.8	352	2.4
	3/23/2012	14.0	200	15.6	0.871	2.1	6.6	-7	2.5
	9/18/2012	14.2	200	19.1	0.950	2.1	6.8	164	4.8
	3/20/2013	14.0	270	11.5	0.880	4.9	6.8	186	0.1
	9/25/2013	13.2	200	17.8	1.236	2.8	6.7	152	0.9
MW-112	10/17/2002	13.5	125	18.0	1.107	4.9	6.5	267	107
	9/10/2003	13.5	150	19.6	1.031	1.8	6.3	337	2.7
	9/15/2004	12.9	250	20.6	0.826	0.4	6.0	421	5.1
	9/28/2005	Well dried before it could be sampled. Returned on 9/29/05 to sample for VOCs							
	8/2/2006	Water level dropped below pump intake, allowed well to recharge, then sampled without measuring field chemistry parameters.							
	8/8/2007	14.0	NM	22.5	0.864	6.5	6.5	400	12
	8/13/2008	14.3	200	19.4	0.877	0.5	6.2	136	11.7
	9/15/2009	13.5	150	21.0	0.968	3.4	6.3	465	0
	9/20/2010	15.0	50	22.9	0.945	1.4	7.0	82	0.89
	9/19/2011	12.5	200	20.4	0.814	6.6	6.2	508	0.45
	9/17/2012	14.2	200	19.1	0.950	2.0	6.8	164	4.84
	9/25/2013	14.0	80	20.1	0.805	4.1	6.7	111	40.1
MW-113	1/30/2002	12.5	50	13.0	1.395	6.9	4.7	384	1.4
	4/26/2002	12.5	150	12.0	1.679	7.8	4.9	267	4.3
	7/24/2002	12.1	140	20.6	1.931	8.9	4.3	533	3.2
	10/17/2002	12.1	125	18.0	1.840	5.1	4.6	400	1.6
	9/10/2003	11.7	100	19.1	1.634	3.8	4.9	355	4.2
	9/16/2004	11.8	100	20.2	1.624	3.2	5.4	538	3.4
	9/28/2005	Low water level - sampled without measuring groundwater chemistry parameters.							
	8/2/2006	Water level dropped below pump intake, allowed well to recharge, then sampled without measuring field chemistry parameters.							
	8/8/2007	12.0	NM	19.8	1.317	4.9	5.8	160	5.5
	8/13/2008	Well was purged, allowed to recharge and then sampled without measuing field chemistry parameters.							
	3/16/2009	12.0	200	11.7	1.179	2.0	5.2	191	0.0
	9/16/2009	11.6	100	17.2	1.568	7.3	4.9	246	2.9
	3/25/2010	11.5	120	11.3	0.594	5.6	6.7	244	2.7
	9/22/2010	11.9	160	20.8	1.553	2.9	5.8	201	50.9
	3/18/2011	10.7	200	13.8	0.394	IM	6.8	235	0.9
	9/21/2011	11.0	70	21.1	0.936	IM	6.3	362	6.3
	3/23/2012	11.2	70	19.5	1.123	2.2	5.6	91	0.0
	9/18/2012	Not enough water to low flow purge; water pumped down, allowed to recharge, and then sampled.							
	3/20/2013	11.5	100.0	7.5	0.969	5.6	6.2	234	0.2
	9/25/2013	11.2	60.0	17.9	1.113	2.1	5.7	199	3.6
MW-508	10/17/2002	10.0	175	19.2	0.698	5.0	6.6	366	<1.0
	9/10/2003	10.0	130	20.4	1.511	5.0	5.8	391	0.7
	9/15/2004	9.7	160	20.5	1.390	2.7	6.1	519	2
	9/28/2005	Well dried before it could be sampled - did not recharge over next two days.							
	8/2/2006	11.0	110	24.6	1.744	5.4	6.1	494	0.5
	8/8/2007	10.0	210	19.4	1.163	4.6	6.7	288	0.0
	8/13/2008	11.0	175	20.2	0.867	5.2	6.3	391	0.8
	9/16/2009	10.3	200	19.1	0.868	4.7	6.6	95	1.2
	9/21/2010	10.8	380	20.0	0.745	1.9	6.8	55	3.3
	9/19/2011	9.5	200	20.7	0.333	6.8	6.0	486	0.0
	9/17/2012	--	140	22.3	0.582	3.6	6.8	53	3.7
	9/25/2013	10.6	170	20.4	1.162	2.7	6.6	142	2.3

TABLE 10
SUMMARY OF GROUNDWATER FIELD CHEMISTRY PARAMETERS
Groundwater Migration Control Treatment System
Former Risdon Facility, Danbury, Connecticut

Monitoring Well ID	Date	Pump Intake Depth *(ft bmp)*	Purge Rate at Sample Collection *(ml/min)*	Temperature *(°C)*	Specific Conductance *(mS per cm at 25°C)*	Dissolved Oxygen *(mg/l)*	pH *(S.U.)*	Oxidation Reduction Potential *(mV)*	Turbidity *(NTU)*
MW-508C	10/17/2002	41.0	125	17.2	1.337	0.5	6.8	344	<1.0
	9/10/2003	41.0	110	17.0	1.342	1.5	6.4	362	5.8
	9/16/2004	41.0	130	18.0	1.162	0.6	6.7	475	3.8
	9/28/2005	41.0	130	16.6	1.408	0.5	7.0	-168	2.8
	8/2/2006	41.0	110	25.6	1.217	0.6	6.5	407	1.8
	8/8/2007	44.0	100	21.6	1.039	1.4	7.1	348	2.0
	8/13/2008	41.0	150	18.7	1.073	0.3	6.3	448	0.1
	3/16/2009	41.0	200	12.8	1.158	IM	7.4	52	1.9
	9/16/2009	29.0	140	17.5	1.165	0.04	6.9	-55	0.8
	3/25/2010	44.0	150	14.2	1.177	1.5	7.1	230	1.5
	9/22/2010	41.0	135	17.0	1.211	0.5	7.1	68	4.8
	3/18/2011	40.0	130	17.0	1.178	1.6	7.1	74	3.7
	9/19/2011	44.0	100	9.1	0.924	1.5	7.2	293	3.2
	3/23/2012	40.0	120	20.4	0.936	2.5	7.2	-42	3.2
	9/17/2012	40.0	140	20.0	1.187	0.5	7.1	33	3.4
	3/20/2013	39.0	115	12.1	1.095	2.3	7.3	169	9.0
	9/25/2013	40.0	110	17.6	1.120	0.1	7.0	131	34.2
MW-601B	1/29/2002	23.5	200	14.5	2.157	3.6	4.4	327	8.1
	4/26/2002	23.5	200	12.9	2.111	5.0	4.3	307	1
	7/24/2002	23.5	180	16.9	2.122	7.0	3.5	629	0
	10/17/2002	23.5	150	17.2	2.259	1.6	4.4	378	<1.0
	9/10/2003	23.5	140	19.7	2.503	3.8	3.8	430	0.5
	9/16/2004	22.8	150	18.5	2.353	1.5	3.5	693	0.4
	9/28/2005	22.9	150	17.8	3.591	1.1	4.4	-27	0.5
	8/2/2006	26.0	200	19.2	2.225	0.6	4.1	264	3.5
	8/8/2007	25.0	260	17.3	1.468	0.5	5.4	191	0.5
	8/13/2008	25.0	250	18.3	1.501	1.0	4.4	544	0.1
	9/14/2009	21.7	200	17.5	1.859	0.4	4.5	276	1.6
	9/22/2010	23.1	220	19.0	1.761	0.2	5.0	167	2.4
	9/21/2011	23.5	200	18.0	1.226	2.0	4.7	466	3.8
	9/17/2012	20.2	190	18.1	0.786	0.2	5.8	185	2.2
	9/25/2013	23.2	220	17.1	1.182	0.0	5.5	225	4.2
RVW-104	8/1/2006	13.0	140	22.2	2.053	0.8	7.0	281	0.6
	8/6/2007	13.5	250	21.9	1.982	1.3	7.2	144	12.6
	8/13/2008	12.0	125	22.6	2.107	2.0	6.8	384	4.4
	9/16/2009	12.0	135	21.2	2.493	1.7	6.8	129	10.0
	9/20/2010	12.6	160	20.8	2.613	5.8	7.5	-25	4.7
	9/21/2011	15.3	125	21.4	1.988	4.2	7.0	76	7.4
	3/23/2012	11.9	170	20.5	2.064	0.7	7.1	44	13.8
	9/17/2012	13.0	100	20.8	2.493	3.1	7.2	217	5.3
RW-108A	8/1/2006	21.0	110	27.7	3.984	2.1	4.0	321	6
	8/6/2007	21.0	180	21.9	3.348	3.0	4.1	247	0.5
	8/14/2008	28.0	210	21.1	3.358	1.3	3.8	321	6.8
	9/16/2009	29.0	120	21.0	3.419	0.7	3.8	341	4.8
	9/20/2010	29.0	75	21.5	3.596	1.0	3.8	234	4.3
	9/21/2011	28.2	100	21.6	2.633	5.4	3.9	237	7.8
	3/23/2012	28.4	100	22.9	2.732	0.9	3.5	203	6.2
	9/17/2012	28.0	80	21.7	3.190	1.3	3.8	312	3.8
2ONR-MW-1A	8/8/2007	11.0	200	15.0	0.585	0.6	7.3	23	5.1
	8/13/2008	9.8	175	14.3	0.676	0.3	6.8	285	2.1
	3/16/2009	11.0	200	8.6	0.655	2.9	6.7	193	0.9
	9/16/2009	10.00	125	15.6	0.883	0.3	6.8	159	0.2
	3/25/2010	8.52	140	12.0	0.429	4.3	7.0	117	3.3
	9/21/2010	10.20	300	14.7	0.661	0.3	7.2	97	3.8
	3/21/2011	9.00	170	6.1	0.793	4.6	7.0	126	10.2
	9/20/2011	9.18	160	17.1	0.835	1.5	6.6	85	5.2
	3/23/2012	9.64	110	15.7	0.491	3.3	6.4	-44	17.1
	9/17/2012	9.94	160	17.4	0.670	0.4	6.9	107	19.4
	3/20/2013	9.50	130	6.6	0.581	2.8	6.8	81	9.9
	9/24/2013	9.93	80	16.2	0.678	0.9	7.2	86	14.5

Notes/Abbreviations:

Field chemistry parameters were measured in the field and represent readings recorded at the time of sample collection.

°C = degrees Celsius; S.U. = standard units; mS = millisiemens; cm = centimeters; ft bmp = feet below measuring point, which is the top of PVC riser pipe unless otherwise noted.

ml = milliliters; mg/l = milligrams per liter; mV = millivolts; NTU = nephelometric Turbidity Units; NS = Not sampled; NM = not measured

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-1	Sep-01	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Jan-02	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Apr-02	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Jul-02	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Oct-02	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.010	<0.05
	Sep-03	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-04	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-05	<0.005 UJ	<0.004	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Aug-06	<0.01	<0.005	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	<0.01 UJ	<0.01	<0.025	<0.007	<0.05
	Aug-08	<0.01	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-09	<0.01	<0.004	<0.004	<0.005	<0.010	**0.016**	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.01	**0.0007**	<0.0005	<0.005	<0.01	**0.015**	<0.01	<0.025	<0.007	<0.05
	Sep-11	<0.005	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-12	<0.005	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.050
	Sep-13	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-2*	Sep-01	<0.005	<0.004	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Jan-02	<0.005	<0.004	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Apr-02	0.005 UJ	<0.004	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Jul-02	<0.005	<0.004	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.010	<0.05
	Oct-02	<0.005	<0.004	<0.004	<0.005	<0.01	0.01 U	<0.01	<0.025	<0.007	<0.05
	Sep-03	<0.005	<0.004	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Sep-04	<0.005	<0.004	<0.004	<0.005	<0.01	**0.03**	<0.01	<0.025	<0.007	<0.05
	Sep-05	<0.005 UJ	<0.004	<0.004	<0.005	<0.01	**0.03**	<0.01	<0.025	<0.007	<0.05
	Aug-06	<0.01	<0.005	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	**0.011**	<0.01	<0.025	<0.007	<0.05
	Aug-08	<0.01	<0.005	<0.005	<0.005	**0.01**	**0.039**	<0.01	<0.025	<0.007	<0.05
	Sep-09	<0.1	<0.004	<0.004	<0.005	<0.01	**0.027**	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.01	**0.0019**	<0.0005	<0.005	**0.19**	**0.558**	**0.082**	**0.027**	**0.035**	**0.196**
	Mar-11	NA	<0.0005	<0.0005	<0.005	**0.02**	**0.016**	<0.01	<0.025	<0.007	<0.050
	Sep-11	<0.005	**0.0006**	<0.0005	<0.005	**0.01**	**0.020**	<0.01	<0.025	<0.007	<0.050
	Sep-12	<0.005	**0.0005**	<0.0005	<0.005	<0.01	**0.025**	<0.01	<0.025	<0.007	<0.050
	Sep-13	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-3*	Sep-01	<0.005	<0.004	<0.004	<0.005	<0.01	**0.11**	<0.01	<0.025	<0.007	<0.05
	Jan-02	<0.005	<0.004	<0.004	<0.005	<0.01	**0.08**	<0.01	<0.025	<0.007	<0.05
	Apr-02	0.005 UJ	<0.004	<0.004	<0.005	<0.01	**0.11**	<0.01	<0.025	<0.010	<0.05
	Jul-02	<0.005	<0.004	<0.004	<0.005	<0.01	**0.11**	<0.01	<0.025	<0.007	<0.05
	Oct-02	<0.005	<0.004	<0.004	<0.005	<0.01	0.1 U	<0.01	<0.025	<0.007	<0.05
	Sep-03	<0.005	<0.004	<0.004	<0.005	<0.01	**0.13**	<0.01	<0.025	<0.007	<0.05
	Sep-04	<0.005	<0.004	<0.004	<0.005	<0.01	**0.10**	<0.01	<0.025	<0.007	<0.05
	Sep-05	<0.005 UJ	<0.004	<0.004	<0.005	<0.01	**0.07**	<0.01	<0.025	<0.007	<0.05
	Aug-06	<0.01	<0.005	<0.004	<0.005	<0.01	**0.09**	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	**0.079**	<0.01	<0.025	<0.007	<0.05
	Aug-08	<0.01	<0.005	<0.005	<0.005	<0.01	**0.079**	<0.01	<0.025	<0.007	<0.05
	Sep-09	<0.01	<0.004	<0.004	<0.005	<0.01	**0.052**	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.01	<0.0005	<0.0005	<0.005	**0.01**	**0.064**	<0.01	<0.025	<0.007	<0.05
	Sep-11	<0.005	<0.0005	<0.0005	<0.005	**0.01**	**0.063**	<0.01	<0.025	<0.007	<0.05
	Sep-12	<0.005	<0.0005	<0.0005	<0.005	**0.01**	**0.047**	<0.01	<0.025	<0.007	<0.05
	Sep-13	<0.005	<0.0005	<0.0005	<0.005	**0.01**	**0.047**	<0.01	<0.025	<0.007	<0.05

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-8	Sep-01	<0.005	<0.004	<0.004	<0.005	<0.01	**0.06**	<0.01	<0.025	<0.007	<0.05
	Jan-02	NA	<0.004	NA	NA	NA	NA	<0.01	NA	<0.010	NA
	Apr-02	0.005 **UJ**	<0.004	<0.004	<0.005	<0.01	**0.20**	<0.01	<0.025	<0.007	<0.05
	Jul-02	0.007 **U**	<0.004	<0.004	<0.005	<0.01	**0.16**	<0.01	<0.025	<0.007	<0.05
	Oct-02	<0.005	<0.004	<0.004	<0.005	<0.01	**0.14 U**	<0.01	<0.025	<0.007	<0.05
	Sep-03	**0.005 J**	**0.004**	<0.004	<0.005	<0.01	**0.22**	<0.01	<0.025	<0.007	<0.05
	Sep-04	<0.005	<0.004	<0.004	<0.005	<0.01	**0.14**	<0.01	<0.025	<0.007	<0.05
	Sep-05	**0.007 J**	<0.004	<0.004	<0.005	<0.01	**0.18**	<0.01	<0.025	<0.007	<0.05
	Aug-06	<0.01	<0.005	<0.004	<0.005	<0.01	**0.14**	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	**0.065**	<0.01	<0.025	<0.007	<0.05
	Aug-08	<0.01	<0.005	<0.005	<0.005	<0.01	**0.141**	<0.01	<0.025	<0.007	<0.05
	Sep-09	<0.01	<0.004	<0.004	<0.005	<0.01	**0.092**	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.01	<0.0005	<0.0005	<0.005	<0.01	**0.138**	<0.01	<0.025	<0.007	<0.05
	Sep-11	**0.009**	**0.0016**	<0.0005	<0.005	<0.01	**0.486**	<0.01	<0.025	<0.007	<0.05
	Sep-12	<0.005	**0.0005**	<0.0005	<0.005	<0.01	**0.262**	<0.01	<0.025	<0.007	<0.05
	Sep-13	<0.005	**0.0006**	<0.0005	<0.005	<0.01	**0.106**	<0.01	<0.025	<0.007	<0.05

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-10*	Sep-01	**0.038**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.010	<0.05
	Jan-02	**0.01**	<0.004	<0.004	<0.005	**0.01**	**0.01**	<0.01	<0.025	<0.007	<0.05
	Apr-02	0.005 **UJ**	<0.004	<0.004	<0.005	**0.02**	**0.02**	<0.01	<0.025	<0.007	<0.05
	Jul-02	0.01 **U**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Oct-02	<0.005	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-03	**0.009(J)**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-04	**0.012**	<0.004	<0.004	<0.005	<0.01	**0.02**	<0.01	<0.025	<0.010	<0.05
	Sep-05	**0.01 J**	<0.004	<0.004	<0.005	**0.02**	**0.05**	<0.01	<0.025	<0.007	<0.05
	Aug-06	<0.01	<0.005	<0.004	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Aug-08	<0.01	<0.005	<0.005	<0.005	**0.02**	**0.046**	**0.012**	<0.025	<0.007	<0.05
	Sep-09	<0.01	<0.004	<0.004	<0.005	<0.01	**0.020**	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.01	**0.0039**	<0.0005	<0.005	**0.05**	**0.120**	**0.019**	<0.025	<0.007	**0.144**
	Mar-11	NA	<0.0005	<0.0005	<0.005	<0.01	<0.010	<0.010	<0.025	<0.007	<0.050
	Sep-11	<0.005	<0.0005	<0.0005	<0.005	<0.01	**0.018**	<0.010	<0.025	<0.007	<0.050
	Sep-12	<0.005	**0.0006**	<0.0005	<0.005	<0.01	**0.016**	<0.01	<0.025	<0.007	<0.050
	Sep-13	<0.005	**0.0022**	<0.0005	<0.005	<0.01	<0.010	<0.008	<0.025	<0.007	<0.050

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-11*	Sep-01	**0.01**	<0.004	<0.004	<0.005	<0.01	**0.12**	<0.01	<0.025	<0.007	<0.05
	Jan-02	<0.005	<0.004	<0.004	<0.005	<0.01	**0.16**	<0.01	<0.025	<0.007	<0.05
	Apr-02	0.005 **UJ**	<0.004	<0.004	<0.005	<0.01	**0.02**	<0.01	<0.025	<0.007	<0.05
	Jul-02	<0.005	<0.004	<0.004	<0.005	<0.01	**0.12**	<0.01	<0.025	<0.007	<0.05
	Oct-02	**0.007**	<0.004	<0.004	<0.005	<0.01	**0.14 U**	<0.01	<0.025	<0.010	<0.05
	Sep-03	<0.005	<0.004	<0.004	<0.005	<0.01	**0.11**	<0.01	<0.025	**0.008**	<0.05
	Sep-04	<0.005	<0.004	<0.004	<0.005	<0.01	**0.08**	<0.01	<0.025	<0.007	<0.05
	Sep-05	**0.005 J**	<0.004	<0.004	<0.005	<0.01	**0.06**	<0.01	<0.025	<0.007	<0.05
	Aug-06	<0.01	<0.005	<0.004	<0.005	<0.01	**0.09**	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	**0.03**	<0.01	<0.025	<0.007	<0.05
	Aug-08	<0.01	<0.005	<0.005	<0.005	<0.01	**0.039**	<0.01	<0.025	<0.007	<0.05
	Sep-09	<0.01	<0.004	<0.004	<0.005	<0.01	**0.08**	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.01	<0.0005	<0.0005	<0.005	<0.01	**0.023**	<0.01	<0.025	<0.007	<0.05
	Sep-11	<0.005	**0.0008**	<0.0005	<0.005	<0.01	**0.071**	<0.01	<0.025	<0.007	<0.05
	Sep-12	<0.005	**0.0006**	<0.0005	<0.005	<0.01	**0.024**	<0.01	<0.025	<0.007	<0.05
	Sep-13	<0.005	**0.0008**	<0.0005	<0.005	<0.01	**0.024**	<0.01	<0.025	<0.007	<0.05
MW-14*	Sep-13	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-15M*	Sep-01	**0.191**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Jan-02	**0.184**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Apr-02	**0.186**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Jul-02	**0.186**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Oct-02	**0.132**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.010	<0.05
	Sep-03	**0.139 J**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-04	**0.161**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-05	**0.222 J**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Aug-06	**0.163**	<0.005	<0.005	<0.005	<0.01	**0.01**	<0.01	<0.025	<0.007	<0.05
	Aug-07	**0.159**	<0.005	<0.005	<0.005	<0.01	<0.01 UJ	<0.01	<0.025	<0.007	<0.05
	Aug-08	**0.159**	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-09	**0.163**	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-09	**0.134**	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-10	**0.151**	<0.002	<0.002	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-10	**0.118**	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-11	**0.116**	**0.0005**	<0.0005	<0.005	<0.01	<0.010	<0.010	<0.025	<0.007	<0.05
	Sep-11	**0.113**	**0.0006**	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-12	**0.107**	<0.001	<0.001	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-12	**0.112**	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-13	**0.111**	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-13	**0.069**	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-111*	Sep-01	**0.009**	<0.004	<0.004	<0.005	<0.01	**1.30**	<0.01	**0.109**	<0.007	**0.7**
	Jan-02	<0.005	<0.004	<0.004	<0.005	<0.01	**1.30**	<0.01	**0.106**	<0.007	**0.66**
	Apr-02	<0.005	<0.004	<0.004	<0.005	<0.01	**1.30**	<0.01	**0.128**	<0.007	**0.72**
	Jul-02	0.008 U	<0.004	<0.004	<0.005	<0.01	**0.87**	<0.01	**0.102**	<0.007	**0.56**
	Oct-02	**0.006**	<0.004	<0.004	<0.005	<0.01	**1.40**	<0.01	**0.114**	<0.010	**0.72**
	Sep-03	**0.008 J**	<0.004	<0.004	<0.005	<0.01	**0.16**	<0.01	**0.035**	<0.007	**0.19**
	Sep-04	**0.023**	<0.004	<0.004	<0.005	<0.01	**0.05**	<0.01	<0.025	<0.007	**0.06**
	Sep-05	**0.011J**	<0.004	<0.004	<0.005	<0.01	**0.02**	<0.01	<0.025	<0.007	<0.05
	Aug-06	**0.012**	<0.005	<0.004	<0.005	<0.01	**0.02**	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	<0.01 UJ	<0.01	<0.025	<0.007	<0.05
	Aug-08	**0.012**	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-09	**0.009**	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-09	**0.016**	<0.004	<0.004	<0.005	<0.01	**0.014**	<0.010	<0.025	<0.007	<0.050
	Mar-10	<0.010	<0.002	<0.002	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.010	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.050
	Mar-11	<0.010	<0.0005	<0.0005	<0.005	<0.01	**0.024**	<0.010	<0.025	<0.007	<0.50
	Sep-11	<0.005	<0.0005	<0.0005	<0.005	<0.01	**0.015**	<0.01	<0.025	<0.007	<0.05
	Mar-12	<0.005	<0.001	<0.001	<0.005	<0.01	**0.020**	<0.01	<0.025	<0.007	<0.05
	Sep-12	**0.01**	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-13	<0.005	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-13	<0.005	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-113*	Sep-01	**0.021**	<0.004	**0.005**	<0.005	<0.01	**6.50**	<0.01	**2.02**	<0.007	**1.7**
	Jan-02	<0.005	<0.004	**0.006**	<0.005	<0.01	**7.20**	<0.01	**2.06**	<0.007	**2.0**
	Apr-02	**0.017 J**	<0.004	**0.005**	<0.005	<0.01	**8.20**	<0.01	**2.52**	**0.012**	**2.3**
	Jul-02	0.013 U	<0.004	**0.008**	<0.005	<0.01	**10.00**	<0.01	**2.67**	**0.022**	**2.7**
	Oct-02	**0.011**	<0.004	**0.008**	<0.005	<0.01	**8.20**	<0.01	**2.14**	**0.018**	**2.3**
	Sep-03	**0.039 J**	<0.004	**0.005**	<0.005	<0.01	**5.50**	<0.01	**1.84**	<0.007	**1.4**
	Sep-04	**0.096**	<0.004	**0.005**	<0.005	<0.01	**6.00**	<0.01	**1.96**	<0.007	**1.4**
	Sep-05	**0.115 J**	<0.004	<0.005	<0.005	<0.01	**5.60**	<0.01	**1.98**	<0.007	**1.3**
	Aug-06	**0.08**	**0.007**	<0.004	<0.005	**0.03**	**7.40**	**0.06**	**2.18**	<0.007	**1.4**
	Aug-07	**0.025**	<0.005	<0.005	<0.005	<0.01	**3.12 J**	<0.01	**1.84**	<0.007	**0.979**
	Aug-08	<0.01	<0.005	<0.005	<0.005	<0.01	**1.81**	<0.01	**1.59**	<0.007	**0.766**
	Mar-09	<0.005	**0.006**	**0.005**	<0.005	**0.02**	**3.55**	**0.05**	**1.67**	<0.007	**0.945**
	Sep-09	<0.01	<0.004	**0.006**	<0.005	<0.01	**3.92**	<0.01	**1.81**	**0.008**	**0.88**
	Mar-10	<0.01	<0.002	<0.002	<0.005	<0.01	**0.35**	<0.01	**0.369**	<0.007	**0.225**
	Sep-10	<0.01	<0.001	0.0024	<0.005	<0.01	**1.98**	<0.01	**1.34**	<0.007	**0.724**
	Mar-11	<0.010	<0.0005	<0.0005	<0.005	<0.010	**0.052**	<0.010	**0.106**	<0.007	<0.050
	Sep-11	**0.006**	<0.0005	<0.0005	<0.005	<0.01	**0.389**	<0.01	**0.643**	<0.007	**0.218**
	Mar-12	<0.005	<0.001	**0.0025**	<0.005	<0.01	**3.120**	<0.01	**1.15**	<0.007	**0.595**
	Mar-13	<0.005	**0.0006**	**0.0013**	<0.005	<0.01	**1.130**	<0.01	**0.636**	<0.007	**0.319**
	Sep-13	<0.005	<0.0005	**0.0026**	<0.005	<0.01	**2.430**	<0.01	**0.805**	<0.007	**0.490**
MW-508	Sep-09	<0.010	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-11	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-12	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-13	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
MW-508C	Mar-09	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-09	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Mar-10	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-10	<0.01	**0.0005**	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-11	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-11	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Mar-12	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-12	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Mar-13	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Sep-13	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-601B*	Sep-01	**0.015**	<0.004	**0.007**	**0.005**	<0.01	**8.00**	<0.01	**0.434**	<0.007	**4.0**
	Jan-02	<0.005	<0.004	**0.006**	**0.005**	<0.01	**6.70**	<0.01	**0.355**	<0.007	**3.4**
	Apr-02	**0.015 J**	**0.004**	**0.005**	<0.005	<0.01	**6.40**	<0.01	**0.347**	<0.007	**3.1**
	Jul-02	0.016 U	<0.004	**0.006**	<0.005	<0.01	**5.80**	<0.01	**0.334**	<0.007	**2.9**
	Oct-02	**0.014**	<0.004	**0.006**	<0.005	<0.01	**5.80**	<0.01	**0.342**	<0.010	**3.1**
	Sep-03	**0.018 J**	<0.004	**0.006**	**0.005**	<0.01	**5.50**	<0.01	**0.385**	<0.010	**3.3**
	Sep-04	**0.038**	<0.004	**0.007**	<0.005	<0.01	**6.10**	<0.01	**0.460**	<0.010	**3.4**
	Sep-05	**0.021 J**	**0.011**	**0.011**	**0.005**	<0.01	**9.80**	<0.01	**1.130**	<0.007	**4.2**
	Aug-06	<0.01	<0.005	**0.007**	<0.005	<0.01	**6.10**	<0.01	**0.796**	<0.007	**2.8**
	Aug-07	**0.031**	<0.005	<0.005	<0.005	<0.01	**4.10 J**	<0.01	**0.633**	<0.007	**2.05**
	Aug-08	**0.025**	<0.005	<0.005	<0.005	<0.01	**3.82**	<0.01	**0.568**	<0.007	**1.84**
	Sep-09	**0.045**	**0.006**	**0.007**	<0.005	<0.010	**5.05**	<0.01	**0.694**	<0.007	**2.12**
	Sep-10	**0.044**	<0.0025	**0.007**	<0.005	<0.01	**3.58**	<0.010	**0.618**	<0.007	**2.01**
	Sep-11	**0.035**	<0.0005	**0.0045**	<0.005	<0.01	**3.43**	<0.01	**0.626**	<0.007	**1.75**
	Sep-12	**0.024**	<0.0005	**0.0013**	<0.005	<0.01	**0.78**	<0.01	**0.262**	<0.007	**0.653**
	Sep-13	<0.005	<0.0005	**0.0029**	<0.005	<0.01	**2.16**	<0.01	**0.486**	<0.007	**1.22**

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System

Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
RVW-104 **	Aug-06	**0.023**	<0.005	<0.004	<0.005	**0.01**	**0.04**	<0.01	<0.025	<0.007	<0.05
	Aug-07	**0.18**	<0.005	<0.005	<0.005	**0.02**	**0.494**	<0.01	<0.025	**0.013**	**0.054**
	Aug-08	**0.065**	<0.005	<0.005	<0.005	**0.01**	**0.063**	<0.01	<0.025	<0.007	<0.05
	Sep-10	**0.193**	<0.0005	<0.0005	<0.005	<0.010	**0.044**	<0.01	<0.025	<0.007	<0.050
	Sep-11	**0.284**	**0.0005**	<0.0005	<0.005	<0.01	**0.065**	<0.01	<0.025	<0.007	<0.05
	Sep-12	**0.561**	<0.0005	<0.0005	<0.005	<0.01	**0.022**	<0.01	<0.025	<0.007	<0.05
RW-108A	Aug-06	**0.062**	**0.013**	**0.026**	**0.005**	**0.02**	**27.0**	**0.09**	**0.09**	**0.049**	**12**
	Aug-07	**0.039**	**0.011**	**0.027**	**0.005**	**0.01**	**23.9**	**0.05**	**1.44**	<0.007	**13.9**
	Aug-08	**0.1 J**	**0.011**	**0.025**	**0.006**	<0.01	**18.9**	**0.044**	**1.61**	**0.014**	**6.25**
	Sep-10	<0.01	<0.005	**0.0312**	**0.005**	<0.01	**18.9**	**0.047**	**1.54**	**0.022**	**6.35**
	Sep-11	**0.020**	<0.0005	**0.0151**	<0.005	**0.01**	**16.2**	**0.038**	**1.30**	**0.036**	**5.33**
	Sep-12	**0.033**	**0.0026**	**0.0141**	<0.005	<0.01	**14.3**	**0.021**	**1.18**	<0.007	**4.67**

TABLE 11
SUMMARY OF INORGANICS DETECTED IN GROUNDWATER

Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	Inorganics Detected *(mg/l)*									
		Total Cyanide	Total Arsenic	Total Beryllium	Total Cadmium	Total Chromium	Total Copper	Total Lead	Total Nickel	Total Silver	Total Zinc
SWPC		0.052	0.004	0.004	0.006	NE	0.05	0.01	0.88	0.012	0.123
2ONR-MW-1A*	Feb-06	--	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Aug-07	<0.01	<0.005	<0.005	<0.005	<0.01	<0.01 UJ	<0.01	<0.025	<0.007	<0.05
	Aug-08	<0.01	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-09	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-09	<0.01	<0.004	<0.004	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-10	<0.01	<0.002	<0.002	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-10	<0.01	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-11	<0.005	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-11	<0.005	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-12	<0.005	<0.001	<0.001	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-12	<0.005	<0.0005	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Mar-13	<0.005	<0.0005	<0.005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05
	Sep-13	<0.005	**0.0007**	<0.0005	<0.005	<0.01	<0.01	<0.01	<0.025	<0.007	<0.05

Notes/Abbreviations:
Bold value indicates a detection at or above the laboratory's reported detection limit.
Shaded cells indicate reported concentration within a downgradient property boundary well or off-property well is above the SWPC.
* indicates well is located along downgradient property boundary or off-property
** Mercury was detected in this well on four occasions, January 2002 at 0.0018 mg/l, August 2007 at 0.0025 mg/l, August 2008 at 0.0002 mg/l and September 2010 at 0.0013 mg/l.
Mercury was also detected in MW-2 (0.0003 mgl) and in RW-108A (0.0004 mg/l) during the September 2010 monitoring event.
Antimony was detected in the following wells during the September 2010 sampling event - MW-2 (0.0039 mg/l), MW-10 (0.0012 mg/l), 2ONR-MW-1A (0.0006 mg/l), RW-108A (0.011 mg/l), RVW-104 (0.0013 mg/l), and MW-11 (0.0006 mg/l).
mg/l = milligrams per liter
SWPC = CTDEP Remediation Standard Regulations (RSRs) Surface Water Protection Criteria
NE = None established by CTDEP; SWPC for trivalent chromium is 1.2 mg/l ; SWPC for hexavalent chromium is 0.110 mg/l.
NA = Not Analyzed; monitoring well MW-08 was not accessible for sampling during the January 2002 event.
J = Results qualified as estimated values
UJ = Results qualified as estimated values due to failed recoveries in MSD sample.
U = Result qualified as undetected because of equipment blank contamination.

TABLE 12
SUMMARY OF CHLORINATED VOCs DETECTED IN GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	VOCs Detected *(ug/l)*						
		1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Total VOCs
SWPC	-	NE	96	NE	88	62,000	2,340	NE
Vol-I/C - 2003		41,000	920	11,000	810	16,000	67	NE
MW-1	9/21/01	<0.5	<0.5	<0.5	<0.5	**1.1**	**1.4**	3.3
	10/15/02	<0.5	<0.5	<0.5	<0.5	**1.9**	**3.2**	5.1
	9/10/03	<0.50	<0.5	<0.5	<0.5	**0.5**	**1.7**	7.3
	9/15/04	<0.75	<0.5	<0.5	<0.5	**0.5**	**1.1**	1.6
	9/28/05	<0.75	<0.5	<0.5	<0.5	**0.85**	**1.0**	2.7
	8/1/06	<3	<2	<2	**310**	<2	**52**	365.3
	11/13/06	<0.75	<0.5	<0.5	<0.5	<0.5	**0.97**	9.6
	8/8/07	<0.75	<0.5	<0.5	<0.5	<0.5	**0.82**	1.8
	8/12/08	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	9/15/09	<0.75	<0.5	<0.5	<0.5	<0.5	**1.7**	1.7
	9/21/10	<0.75	<0.5	<0.5	**0.5**	**0.92**	**1.8**	3.2
	9/19/11	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	9/18/12	<0.75	<0.5	<0.5	<0.5	<0.5	**0.89**	0.9
	9/24/13	<0.75	<0.5	<0.5	<0.5	<0.5	**0.88**	0.9
MW-2*	9/19/01	1.1	<0.5	<0.5	<0.5	**26.0**	<0.5	27.1
	10/15/02	<0.5	<0.5	<0.5	<0.5	**1.2**	**1.1**	2.3
	9/9/03	**3.1**	**5.6**	<0.5	<0.5	**710**	**3.4**	722.1
	9/15/04	**17**	**14**	<10	<10	**880**	<10	911
	9/28/05	**20**	**32**	<10	<10	**4,100**	**15**	4,167
	8/2/06	**7.6**	**0.78**	<0.5	**1.2**	**56**	**28**	130
	8/7/07	**2.5**	<0.5	<0.5	**0.64**	**9.7**	<0.5	13
	8/12/08	<0.75	<0.5	<0.5	<0.5	**4.8**	<0.5	4.8
	9/16/09	<0.75	<0.5	<0.5	<0.5	**3.1**	**0.56**	3.7
	9/22/10	<0.75	<0.5	<0.5	**1.60**	**3.0**	**0.50**	5.1
	9/20/11	<0.75	<0.5	<0.5	<0.5	**0.82**	<0.50	0.8
	9/17/12	<0.75	<0.5	<0.5	<0.5	**0.66**	**0.67**	1.3
	9/24/13	<0.75	<0.5	<0.5	<0.5	**1.53**	**0.805**	2.3
MW-3*	9/19/01	<100	**320**	**170**	<100	**1,200**	**13,000**	14,690
	10/15/02	<50	**170**	**140**	<50	**900**	**15,000**	16,210
	9/9/03	<200	<200	<200	<200	**5,200**	**860**	6,060
	9/15/04	<75	**110**	**220**	<50	**470**	**2,900**	3,700
	9/28/05	<75	**200**	**160**	<50	**3,000**	**8,200**	11,560
	8/3/06	<38	**49**	**440**	<25	**710**	**3,000**	4,199
	8/7/07	**6.1**	**33**	**180**	**2.6**	**290**	**930**	1,442
	8/14/08	<19	**56**	**80**	<12	**76**	**1,300**	1,512
	9/16/09	<38	**51**	<25	<25	**110**	**1,900**	2,061
	9/21/10	**21.0**	**67**	**48**	<12	**210**	**4,600**	4,946
	9/22/11	<19	**39**	**28**	<12	**110 JL**	**3,500**	3,567
	9/18/12	<38	**40**	**37**	<25	**120**	**3,400**	3,597
	9/25/13	<75	**69.7**	<50	<50	**192**	**7,260**	7,522
MW-6	9/19/01	<200	<200	<200	<200	**21,000**	**750**	21,750
	8/7/07	<300	<200	<200	<200	**13,000**	**490**	13,490
MW-7	8/7/07	<0.75	<0.5	<0.5	<0.5	<0.5	**1.0**	1
MW-8	9/19/01	<100	<100	<100	<100	**9,800**	**170**	9,970
	8/7/07	<75	**90**	<50	<50	**6,500**	**89**	6,679
	8/12/08	<38	**120**	<25	<25	**5,000**	**53**	5,173
	9/16/09	<75	**140**	<50	<50	**7,500**	**98**	7,738
	9/20/10	**42**	**340**	<25	**28**	**13,000**	**190**	13,600
	9/20/11	<38	**130**	<25	<25	**4,400**	<80	4,530
	9/18/12	<150	**700**	<100	<100	**17,000**	**230**	17,930
	9/24/13	**61.5**	**1,530**	**6.29**	**14**	**52,500**	**1,150**	55,290

TABLE 12
SUMMARY OF CHLORINATED VOCs DETECTED IN GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	VOCs Detected *(ug/l)*						
		1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Total VOCs
SWPC	-	NE	96	NE	88	62,000	2,340	NE
Vol-I/C - 2003		41,000	920	11,000	810	16,000	67	NE
MW-9	9/19/01	<1000	**17,000**	<1,000	<1,000	**58,000**	**4,500**	79,500
	9/9/03	<1000	**12,000**	<1,000	<1,000	**32,000**	**11,000**	55,000
	9/15/04	**120 J**	**1,900**	**50 J**	**7.4 J**	**21,000**	**2,200**	25,277
	9/28/05	**530**	**28,000**	<250	<250	**65,000**	**7,900**	101,430
	8/3/06	<1,500	**25,000**	<1,000	<1,000	**55,000**	**7,900**	87,900
	8/7/07	<750	**23,000**	<500	<500	**50,000**	**7,400**	80,400
	8/12/08	<750	**14,000**	<500	<500	**37,000**	**2,000**	53,000
	9/16/09	<750	**11,000**	<500	<500	**34,000**	**1,500**	46,500
	9/20/10	<750	**20,000**	<500	<500	**62,000**	**3,000**	85,000
	9/20/11	<75	**1,800**	<50	<50	**6,200**	<110	8,000
	9/18/12	<380	**12,000**	<250	<250	**33,000**	**1,800**	46,800
	9/25/13	<750	**12,700**	<500	<500	**37,100**	**994**	50,794
MW-10* [1]	9/19/01	**12**	**300**	<10	<10	**960**	**180**	1,452
	10/15/02	**0.84**	**10**	<0.5	<0.5	**17**	**6.6**	34
	9/9/03	**14**	**120**	**2.0**	<0.5	**290**	**56**	482
	9/15/04	**14**	**100**	<5	<5	**450**	**46**	610
	9/27/05	**3.6**	**62**	<1.2	<1.2	**120**	**33**	219
	8/2/06	**19**	**160**	**2.7**	<1.2	**440**	**76**	698
	8/7/07	**12**	**320**	<5	<5	**440**	**170**	942
	8/12/08	<0.75	**0.77**	<0.5	<0.5	**1.8**	<0.5	10.1
	9/16/09	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	9/22/10	<0.75	**1.7**	<0.5	<0.5	**1.6**	**1.3**	4.6
	9/22/11	<0.75	<0.5	<0.5	<0.5	<0.5	<2.6	ND
	9/18/12	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	9/25/13	<0.75	<0.5	<0.5	<0.5	<0.5	**1.99**	10.9 (acetone, xylene, toluene also detected)
MW-11*	9/19/01	**84**	**370**	**340**	<20	**1,100**	**1,900**	3,794
	10/15/02	**40**	**340**	**250**	<25	**910**	**1,800**	3,340
	9/9/03	<25	**37**	**150**	<25	**280**	**2,400**	2,867
	9/15/04	<30	**25**	**25**	<20	**980**	**300**	1,330
	9/27/05	**25**	**210**	**40**	<12	**6,100**	**560**	6,935
	8/2/06	**100**	**1,100**	**220**	<50	**3,700**	**2,400**	7,609
	8/7/07	**22**	**190**	**78**	<10	**790**	**610**	1,690
	8/12/08	**3.8**	**26**	**15**	<1	**120**	**94**	259
	9/15/09	**12**	**63**	**42**	<2.5	**260**	**190**	567
	9/21/10	**40**	**360**	**120**	**11**	**1,200**	**1,400**	3,131
	9/20/11	**1**	**1.5**	**1.2**	<0.5	**12**	<12	16
	9/18/12	**12**	**21**	**25**	<1	**65**	**100**	223
	9/25/13	**15.8**	**109**	**60.3**	**9.42**	**431**	**980**	1,610
MW-12	9/19/01	<200	**460**	<200	<200	**26,000**	**1,400**	27,860
	8/7/07	<150	**140**	<100	<100	**9,200**	**550**	9,890

TABLE 12
SUMMARY OF CHLORINATED VOCs DETECTED IN GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	VOCs Detected *(ug/l)*						
		1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Total VOCs
SWPC	-	NE	96	NE	88	62,000	2,340	NE
Vol-I/C - 2003		41,000	920	11,000	810	16,000	67	NE
MW-14*	9/21/01	**3.5**	<0.50	**4.9**	<0.5	**10**	**11**	30.3
	10/16/02	**2.1**	<0.5	**2.5**	<0.5	**9.7**	**7.9**	24
	9/11/03	**3.7**	<0.5	**2.5**	<0.5	**11**	**7.2**	35.1
	9/15/04	**11**	**3.9**	**31**	<1.0	**70**	**73**	188.9
	9/28/05	**27**	**21**	**36**	<1	**550**	**140 J**	774
	8/2/06	**18**	**14**	**17**	<2.5	**340 J**	**80 J**	469
	8/7/07	**13**	**8.5**	**16**	**3.0**	**130**	**56**	227
	8/13/08	**11**	**6.4**	**12**	<1	**91**	**43**	163
	3/16/09	**13**	**3.4**	**11**	<0.5	**74**	**31**	134
	9/16/09	**11**	**5.7 J**	**12**	<0.5	**84 J**	**40 J**	154
	3/25/10	**5.1**	**1.1**	**4.0**	<0.5	**23**	**13**	53
	9/21/10	**9.4**	**1.6**	**5.9**	1.4	**38**	**24**	80
	3/21/11	**8.4**	**1.0**	**5.8**	<0.5	**32**	**11**	60
	9/20/11	**7.0**	**0.86**	**4.6**	<0.5	**20**	<12	34
	3/22/12	**13**	**0.92**	**6.2**	<0.5	**33**	**13**	67
	9/17/12	**8.6**	**1.3**	**6.2**	<0.5	**25**	**17**	59
	3/20/13	**6.5**	**1.0**	**4.4**	<0.5	**25**	**10**	47
	9/24/13	**7.54**	**1.49**	**6.32**	**0.564**	**26.7**	**17.4**	61
MW-15M*	9/19/01	<20	**20**	**74**	<20	**60**	**1,300**	1,454
	10/17/02	<12	<12	**47**	<12	**32**	**1,200**	1,279
	9/11/03	<12	<12	**37**	<12	**24**	**850**	911
	9/15/04	<15	<10	**31**	<10	**20**	**670**	721
	9/28/05	<75	<50	**110**	<50	**81**	**3,300**	3,491
	8/2/06	**18**	**49**	**160**	**35**	**110**	**4,600**	4,972
	8/8/07	<75	<50	**190**	<50	**97**	**4,800**	5,087
	5/16/08	<75	**52**	**190**	<50	**100**	**5,200**	5,542
	8/13/08	<38	**48**	**150**	**31**	**77**	**4,000**	4,306
	3/16/09	<15	**24**	**100**	**19**	**40**	**2,000**	2,183 (CVOCs shown) 7,307 (TVOCs)
	9/16/09	<15	**37**	**76**	**31**	**57**	**2,600**	2,801
	3/25/10	<19	**18**	**47**	**19**	**40**	**1,700**	1,824
	9/21/10	<15	**30**	**59**	**20**	**31**	**1,800**	1,940
	3/24/11	<15	**20**	**51**	**15**	**22**	**1,100**	1,208
	9/20/11	**15**	**44**	**90**	**29**	**41**	**2,000**	2,219
	3/22/12	<15	**13**	**45**	**13**	**16**	**880**	967
	9/18/12	<15	**16**	**38**	<10	**20**	**800**	874
	3/20/13	<7.5	**8.4**	**26**	**9.1**	**14**	**630**	688
	9/23/13	<7.5	**7.75**	**24.7**	**6.86**	**14.4**	**519**	573

TABLE 12
SUMMARY OF CHLORINATED VOCs DETECTED IN GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	VOCs Detected *(ug/l)*						
		1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Total VOCs
SWPC	-	NE	96	NE	88	62,000	2,340	NE
Vol-I/C - 2003		41,000	920	11,000	810	16,000	67	NE
MW-111*	9/20/01	<1,000	<1,000	<1,000	**1,900 J**	**2,800**	**60,000**	64,700
	10/17/02	<200	<200	<200	**920**	**870**	**25,000**	26,790
	9/10/03	<500	<500	<500	**1,100**	**2,200**	**67,000**	70,300
	9/15/04	<1,500	<1,000	<1,000	**1,200**	**2,500**	**77,000**	80,700
	9/28/05	<750	<500	<500	**1,000**	**1,000**	**33,000**	35,000
	8/2/06	<750	<500	<500	**1,100**	**1,900**	**58,000**	61,000
	8/8/07	<750	<500	<500	**1,000**	**1,000**	**36,000**	38,000
	8/13/08	<750	<750	<500	**1,600**	**2,000**	**69,000**	72,600
	3/16/09	<75	**96**	**99**	**650**	**420**	**16,000**	17,265
	9/15/09	<75	**150**	**100**	**960**	**1,600**	**49,000**	51,810
	3/25/10	<150	<100	<100	**430**	**310**	**9,900**	10,640
	9/22/10	<750	<500	<500	**1,100**	**1,000**	**42,000**	44,100
	3/21/11	<15	<10	<10	**87**	**26**	**900**	1,013
	9/21/11	<300	**440**	**420**	**19,000**	**420**	**5,500**	25,780
	3/23/12	<150	<100	<100	**610**	**500**	**20,000**	21,110
	9/18/12	<190	<120	<120	**750**	**510**	**22,000**	23,260
	3/20/13	<75	**100**	<50	**490**	**1,100**	**6,600**	8,290
	9/25/13	<300	<200	<200	**973**	**942**	**23,400**	25,315
MW-112*	9/20/01	<500	<500	**740**	<500	<500	**26,000**	26,740
	10/17/02	<250	<250	**280**	<250	<250	**14,000**	14,280
	9/10/03	<200	<200	**280**	<200	**550 J**	**23,000**	23,830
	9/15/04	<300	<200	**610**	<200	**500**	**20,000**	21,110
	9/28/05	<3	<2	**8.8**	<2	**3.4**	**130**	142
	8/2/06	**55 J**	**110 J**	**1,600**	**180 J**	**530**	**23,000**	25,532
	8/8/07	<150	<100	**700**	<100	<100	**6,100 J**	6,800
	8/13/08	<380	<250	**2,300**	**350**	**810**	**39,000**	42,460
	9/15/09	<150	<100	**320**	**150**	**250**	**14,000**	14,720
	9/20/10	<75	<50	**190**	**64**	**86**	**7,300**	7,640
	9/19/11	<15	**23**	**110**	**76**	**91**	**5,000**	5,300
	9/18/12	<38	**32**	**110**	**87**	**110**	**7,400 JK**	7,739
	9/25/13	**11.5**	**28.4**	**90.6**	**75.6**	**133**	**6,840**	7,179
MW-113*	9/20/01	<10	<10	<10	**620**	<10	**36**	656
	8/14/08	<1.9	<1.2	**4.6**	**160**	**5.5**	**11**	181
	3/16/09	<1.9	<1.2	**3.7**	**190**	**4.1**	**11**	209
	9/16/09	<1.9	<1.2	**5**	**330**	**5.8**	**17**	358
	3/25/10	<1.5	<1.0	**1.2**	**110**	**2.8**	**16**	130
	9/22/10	<1.9	<1.2	**1.9**	**180**	**6.6**	**8.6**	197
	3/21/11	<0.75	<0.5	**0.59**	**65**	**1.4**	**2.8**	70
	9/21/11	<0.75	<0.5	**0.53**	**27**	**1.1**	<1.6	29
	3/23/12	<0.75	**0.57**	**2.2**	**310**	**7.1**	**12**	642
	3/20/13	<0.75	<0.5	**0.64**	**34**	**0.57**	**4.1**	39.3
	9/25/13	<0.75	<0.5	**1.1**	**71.7**	**2.16**	**5.03**	80
MW-304	9/19/01	<1,000	**2,400**	<1,000	<1,000	**56,000**	<1,000	58,400
MW-503A	9/20/01	<5	**23**	**10**	**140**	**140**	**190**	503
	8/6/07	<3	**14**	**10**	**650**	**26**	**240**	958
	8/14/08	<19	**19**	**15**	**730**	**43**	**300**	1,107
	9/16/09	<7.5	**11**	**9.8**	**490**	<5	**180**	691
	9/20/10	<15	**31**	**18**	**1,100**	**66**	**490**	1,705
	9/21/11	<75	**1,300**	<50	**3,700**	**4,300**	**3,700**	13,000

TABLE 12
SUMMARY OF CHLORINATED VOCs DETECTED IN GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	VOCs Detected *(ug/l)*						
		1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Total VOCs
SWPC	-	NE	96	NE	88	62,000	2,340	NE
Vol-I/C - 2003		41,000	920	11,000	810	16,000	67	NE
MW-504	8/1/06	<300	<200	**2,800**	<200	<200	**13,000**	15,800
MW-507	9/21/01	**1.6**	<0.5	<0.5	<0.5	**4.8**	**0.91**	7.31
	8/14/08	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
MW-508*	9/20/01	<50	<50	**52**	<50	<50	**2,000**	2,052
	10/17/02	<10	<10	**21**	<10	**19**	**970**	1,010
	9/10/03	<100	<100	**480**	<100	**170**	**8,800**	9,450
	9/15/04	<150	<100	**210**	<100	**300**	**10,000**	10,510
	8/2/06	<15	<10	**44**	**11**	**21**	**960**	1,036
	8/8/07	<3.8	<2.5	**21**	**4.3**	**11**	**280**	316
	8/13/08	**5.2**	<2	**26**	**2.6**	**5.5**	**160**	199
	9/16/09	<3	<2	**7.8**	<2	**7.4**	**130**	145
	9/21/10	<15	<10	**32**	**14**	**23**	**1,200**	1,269
	9/19/11	**0.78**	<0.5	**2**	**1.5**	**1.7**	**64**	70
	9/17/12	<15	<15	<10	**15**	**13**	**780**	808
	9/25/13	**2.03**	**1.28**	**9**	**7.82**	**6.87**	**373**	400
MW-508C*	9/20/01	<500	**820**	**620**	<500	**660**	**23,000**	25,100
	10/17/02	<1,000	<1,000	<1,000	<1,000	<1,000	**34,000**	34,000
	9/10/03	<500	**890**	**540**	**510**	**590**	**37,000**	39,530
	9/15/04	<750	**580**	**560**	<500	**700**	**32,000**	33,840
	9/28/05	<750	**600**	<500	<500	**520**	**26,000**	27,120
	8/2/06	<380	**480**	**420**	**440**	<250	**18,000**	19,340
	8/8/07	<380	**350**	**430**	**470**	<250	**17,000**	18,250
	8/13/08	<300	**630**	**980**	**910**	**450**	**36,000**	38,970
	3/16/09	**44**	**94**	**1,400**	**170**	**85**	**7,500**	9,293
	9/16/09	<75	**210**	**8,600**	**270**	**160**	**5,900**	15,250
	3/25/10	<75	**150**	**1,700**	**250**	**160**	**8,400**	10,660
	9/22/10	<190	**190**	**520**	**450**	**180**	**15,000**	16,340
	3/21/11	<190	**160**	**280**	**300**	**140**	**9,800**	10,680
	9/19/11	<190	**210**	**200**	**500**	<120	**12,000**	12,910
	3/23/12	<150	**170**	**160**	**390**	<100	**9,300**	10,020
	9/17/12	<150	**240**	**190**	**620**	**160**	**14,000**	15,210
	3/20/13	<75	**180**	**170**	**420**	**85**	**9,800**	10,655
	9/25/13	<188	**224**	**225**	**536**	**151**	**14,500**	15,636
MW-601B*	9/20/01	<25	**380**	**60**	**1,000**	**1,100**	**3,100**	5,640
	10/17/02	<50	**330**	<50	**850**	**1,200**	**3,000**	5,380
	9/10/03	<50	**410**	<50	**780**	**1,100**	**2,800**	5,090
	9/15/04	<38	**540**	**39**	**890**	**1,600**	**2,300**	5,369
	9/28/05	<38	**920**	**29**	**1,600**	**4,600**	**3,400**	10,549
	8/2/06	<38	**680**	**42**	**860**	**2,800**	**2,600**	6,982
	8/8/07	<38	**280**	**43**	**1,100**	**850**	**1,100**	3,373
	8/13/08	<38	**480**	**64**	**1,200**	**1,400**	**2,200**	5,344
	9/15/09	<30	**480**	<20	**1,100**	**1,600**	**1,700**	4,880
	9/22/10	<38	**470**	**30**	**1,400**	**1,900**	**2,000**	5,800
	9/21/11	<15	<10	<10	**21**	**21**	**940**	982
	9/18/12	<15	**140**	<10	**1,200**	**380**	**440**	2,160
	9/25/13	<15	**289**	<10	**1,070**	**942**	**910**	3,211

TABLE 12
SUMMARY OF CHLORINATED VOCs DETECTED IN GROUNDWATER
Groundwater Migration Control Treatment System
Former Risdon Facility - Danbury, Connecticut

Monitoring Wells	Sample Date	VOCs Detected *(ug/l)*						
		1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Tetrachloroethene	1,1,1-Trichloroethane	Trichloroethene	Total VOCs
SWPC	-	NE	96	NE	88	62,000	2,340	NE
Vol-I/C - 2003		41,000	920	11,000	810	16,000	67	NE
RVW-104 [1]	1/3/02	<500	<500	<500	**27,000**	**1,800**	**8,500**	37,300
	8/1/06	<380	<250	<250	**34,000**	<250	**7,300**	41,300
	8/6/07	<750	<500	<500	**45,000**	<500	**6,800**	51,800
	8/14/08	<150	**590**	**840**	**45,000**	**340**	**10,000 J**	57,290
	9/16/09	<750	**910**	**1,200**	**47,000**	**540**	**8,300**	68,470
	9/20/10	<750	**920**	**1,100**	**73,000**	<500	**6,800**	81,820
	9/21/11	<750	**1,600**	**1,400**	**100,000**	**980**	**7,300**	111,280
	3/23/12	<1500	**2,100**	**2,500**	**96,000**	**1,100**	**9,400**	111,100
	9/19/12	<380	**900**	**630**	**56,000 JK**	**530**	**4,200**	62,260
RW-108A	1/3/02	<1,000	**8,600**	<1,000	**8,100**	**61,000**	**46,000**	123,700
	8/1/06	<750	**3,700**	<500	**850**	**33,000**	**21,000**	58,550
	8/6/07	<750	**8,300**	<500	**2,500**	**42,000**	**33,000**	85,800
	8/14/08	<750	**8,700**	<500	**6,400**	**30,000**	**26,000**	71,100
	9/16/09	<750	**6,200**	<500	**3,000**	**37,000**	**24,000**	70,200
	9/20/10	**910**	**11,000**	<500	**4,300**	**41,000**	**40,000**	97,210
	9/21/11	<750	**11,000**	<500	**4,800**	**50,000**	**44,000**	109,800
	3/23/12	**680**	**5,400**	<250	**3,600**	**33,000**	**34,000**	77,080
	9/19/12	<300	**5,900**	<200	**3,400**	**32,000**	**29,000**	70,700
20NR-MW1A*	2/10/06	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	8/8/07	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	8/13/08	<0.75	<0.5	**0.55**	<0.5	<0.5	**1.8**	2.4
	3/16/09	<0.75	<0.5	**1.2**	**0.79**	<0.5	**5.4**	7.4
	9/16/09	<0.75	<0.5	**0.8**	<0.5	<0.5	<0.5	0.8
	3/25/10	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	9/21/10	<0.75	<0.5	**0.78**	<0.5	<0.5	<0.5	0.8
	3/21/11	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	9/20/11	<0.75	<0.5	**0.52**	<0.5	**0.71**	<1.3	1.2
	3/23/12	<0.75	<0.5	**0.57**	<0.5	<0.5	**0.96**	1.5
	9/17/12	<0.75	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	3/20/13	<0.75	<0.5	**0.93**	<0.5	<0.5	<0.5	0.93
	9/24/13	<0.75	<0.5	**0.64**	<0.5	<0.5	<0.534 U	0.64

Notes/Abbreviations:

* indicates well is located along downgradient property boundary or off-property

ug/l = micrograms per liter (parts per billion equivalent)

J = estimated, JK = estimated with indeterminate bias

U = sample is qualified as non-detect at the reporting limit due to field blank contamination.

SWPC = CTDEEP Remediation Standard Regulations (RSRs) Surface Water Protection Criteria

Vol-I/C = CTDEEP Remediation Standard Regulations (RSRs) Volatilization Criteria Industrial/Commercial (I/C) - Proposed Revisions, March 2003

Shaded cells indicate reported concentrations area greater than an RSR criteria (SWPC for downgradient property boundary wells and off-property wells only).

NE = No standard has been established for this particular compound in the CTDEP RSRs

Bold value indicates a detection at or above the laboratory's detection limit

[1] 1,1,2-Trichloro, 1,2,2-Triflouroethane was detected on two occasions, in August 2008 at MW-503A at 18 ug/l and at RVW-104 at 520 ug/l
Acetone was detected in MW-10 at a concentration of 7.5 ug/l in August 2008.

NS = Not sampled; MW-9 was inaccessible during the October 2002 monitoring period.

TABLE 13
SUMMARY OF TVOC-PID LEVELS IN BLOWER EFFLUENT
Sub-Slab Vapor Control System
Former Risdon Facility, Danbury, Connecticut

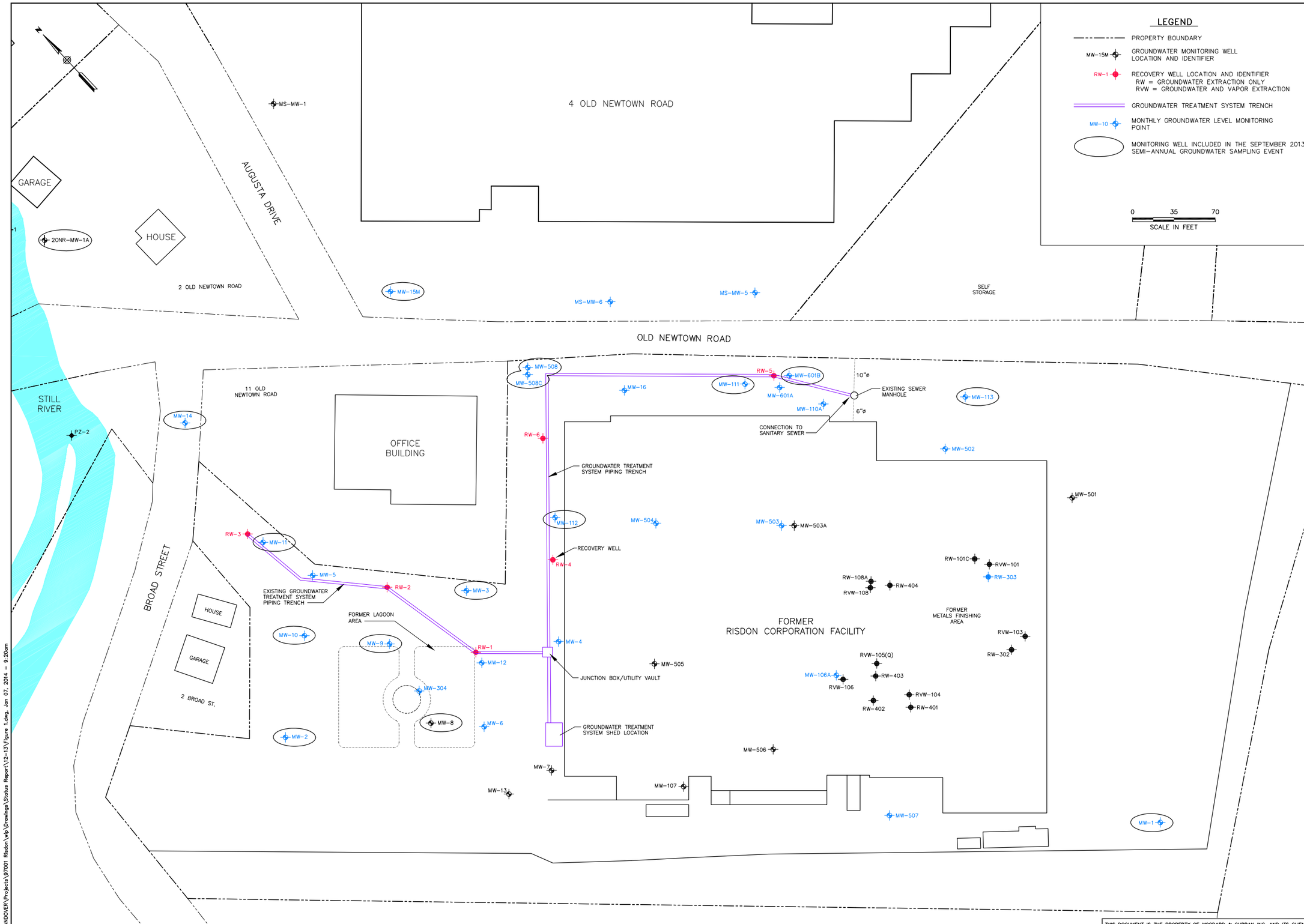
Date	Blower 1	Blower 2	Blower 3	Blower 4	Blower 5
9/22/2008	3.7	0.2	9.2	40	--
9/24/2008	ND	ND	ND	ND	ND
9/27/2008	0.1	ND	0.5	0.2	0.4
10/1/2008	9	ND	3.5	3.9	4.9
10/9/2008	4.2	2.9	5.4	0.4	1.2
10/16/2008	18.8	14.2	9.9	2.5	3.6
11/14/2008	11.9	17.8	3.1	1.4	0.9
12/16/2008	ND	0.1	ND	ND	ND
1/13/2009	0.7	0.2	ND	0.2	0.2
2/12/2009	0.4	0.3	0.2	0.4	0.6
3/16/2009	2.5	2.4	0.6	0.5	0.9
4/28/2009	0.4	0.3	0.8	0.3	0.9
5/27/2009	0.5	6	0.9	0.8	0.7
6/18/2009	4.8	13	6	0.6	6.7
7/22/2009	0.6	0.5	0.4	0.2	0.3
8/21/2009	0.3	0.2	0.4	0	0.7
9/22/2009	0.4	0.4	0.4	0.3	0.3
10/12/2009	0.6	0.3	0.5	0.4	0.2
11/24//2009	0.4	0.2	0.5	ND	0.8
12/22/2009	0.3	0.3	0.6	0.2	0.6
1/29/2010	0.6	0.4	0.7	0.1	0.7
2/24/2010	0.5	0.5	0.4	0.1	0.8
3/25/2010	0.2	0.3	0.4	0.1	0.1
4/14/2010	0.3	0.5	0.1	0.3	ND
5/13/2010	0.5	0.7	0.2	0.2	ND
6/11/2010	0.3	0.2	0.5	0.2	0.1
7/16/2010	2.4	1.4	0.2	1.7	ND
8/17/2010	2	2	0.4	1.3	ND
9/20/2010	0.5	0.3	0.3	0.4	0.3
10/21/2010	2.6	2.1	1.4	1.9	ND
11/11/2010	3.0	2.4	1.2	2.3	ND
12/16/2010	ND	ND	0.9	ND	ND
1/19/2011	ND	ND	0.3	ND	ND
2/21/2011	ND	ND	ND	ND	ND
3/21/2011	ND	ND	ND	ND	ND
4/29/2011	ND	ND	0.1	0.1	ND

TABLE 13
SUMMARY OF TVOC-PID LEVELS IN BLOWER EFFLUENT
Sub-Slab Vapor Control System
Former Risdon Facility, Danbury, Connecticut

Date	Blower 1	Blower 2	Blower 3	Blower 4	Blower 5
5/20/2011	0.1	ND	0.1	ND	ND
6/29/2011	0.2	0.1	ND	ND	ND
7/12/2011	0.3	0.1	ND	0.3	0.2
8/24/2011	0.5	0.2	ND	0.2	0.1
9/23/2011	0.4	0.3	ND	0.4	0.2
10/29/2011	0.3	0.2	ND	0.2	0.1
11/17/2011	0.4	0.1	ND	0.4	0.2
12/27/2011	0.2	0.1	ND	0.2	0.3
1/19/2012	ND	ND	0.2	ND	ND
2/13/2012	ND	0.1	0.3	ND	0.1
3/21/2012	ND	0.2	0.3	ND	ND
4/5/2012	0.1	0.1	0.2	ND	0.1
5/28/2012	0.1	ND	0.1	ND	ND
6/28/2012	0.2	ND	0.1	0.1	0.3
7/23/2012	0.1	ND	ND	ND	ND
8/27/2012	0.2	ND	0.1	ND	0.1
9/30/2012	0.3	ND	0.2	ND	0.1
10/18/2012	0.1	0.1	0.2	0.1	0.1
11/20/2012	0.1	0.1	0.1	0.1	0.1
12/28/2012	0.1	0.1	0.1	ND	0.1
1/31/2013	ND	0.2	0.1	0.1	0.0
2/22/2013	ND	0.0	0.1	0.1	0.1
3/20/2013	ND	0.1	0.3	ND	0.1
4/29/2013	0.1	0.2	0.2	ND	0.1
5/22/2013	ND	0.2	0.3	ND	0.1
6/26/2013	ND	0.3	0.3	0.1	0.1
7/30/2013	ND	0.2	0.2	0.1	0.1
8/29/2013	ND	0.2	0.1	0.1	0.1
9/25/2013	ND	0.2	0.1	0.1	0.1
10/24/2013	ND	0.1	0.1	0.1	0.1
11/27/2013	ND	0.2	0.1	ND	0.1

Notes
All results presented in ppmv
ND = TVOCs not detected by PID
TVOCs = total volatile organic compounds
PID = photoionization detector

FIGURES



40 SHATTUCK ROAD | SUITE 110
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COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD & CURRAN

REV	DESCRIPTION	DATE

DESIGNED BY: EVR
DRAWN BY: EVR
CHECKED BY: CMR
Figure 1.dwg

GROUNDWATER RECOVERY AND MONITORING WELL LOCATIONS

RISDON CORPORATION
DANBURY, CONNECTICUT

SEMI-ANNUAL STATUS REPORT

JOB NO.: 97001
DATE: JANUARY 2014
SCALE: AS NOTED
SHEET: OF

FIGURE 1

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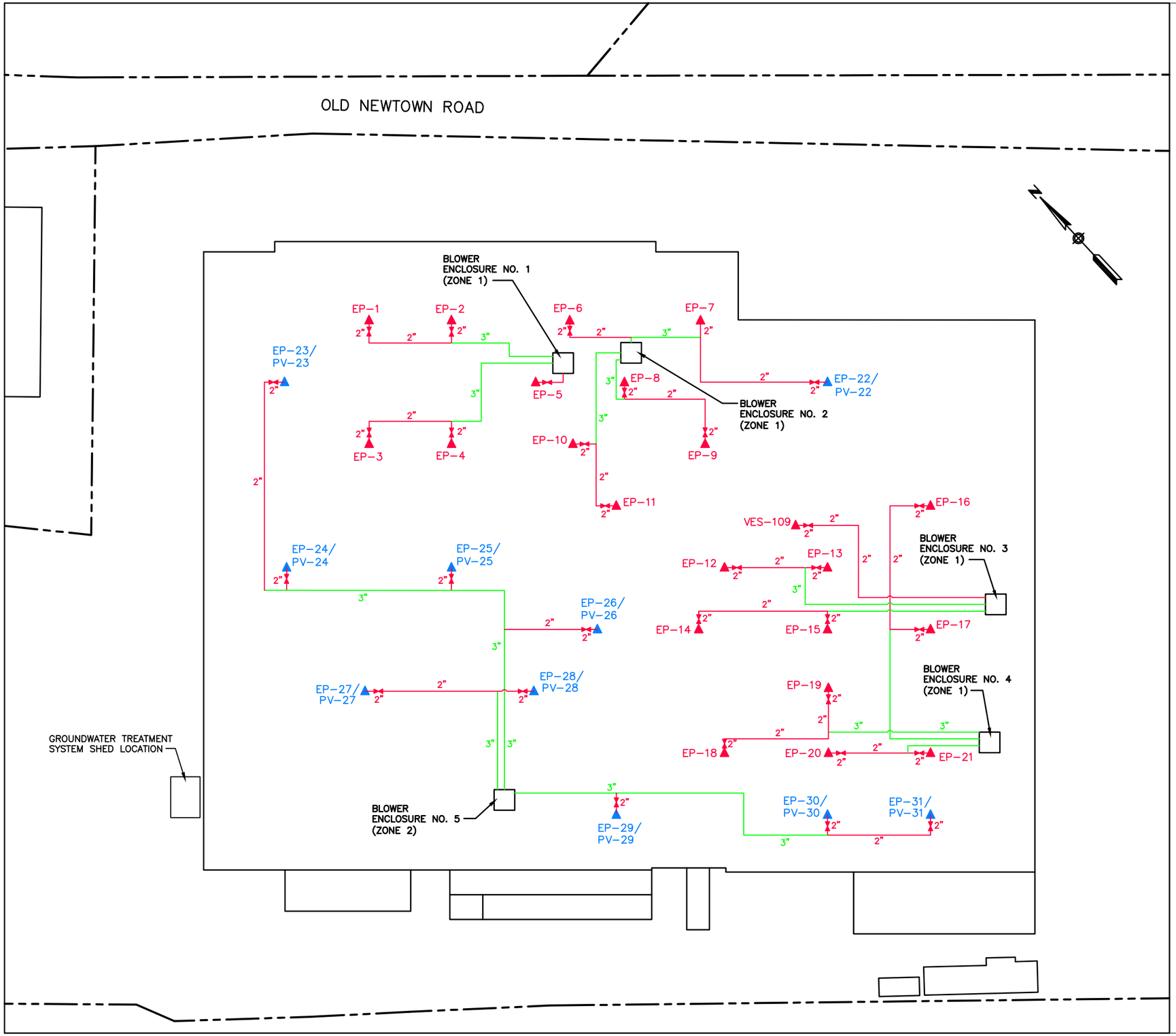
\\ANDOVER\Projects\97001 Risdon\wip\Drawings\Status Report\12-13\Figure 1.dwg, Jan 07, 2014 - 9:20am



LEGEND

- PROPERTY BOUNDARY
- EP-1 ZONE 1 EXTRACTION POINT
- EP-22/ PV-22 ZONE 2 EXTRACTION POINT AND PASSIVE VENT LOCATION
- 2" BALL VALVE
- 2-INCH SCH 40 PVC
- 3-INCH SCH 40 PVC

NOTES:

1. PROPERTY FEATURES ARE APPROXIMATE AND COMPILED FROM PROPERTY SURVEY LAND OF RISDON CORPORATION, DATED JULY 24, 2002, PREPARED BY CCA, LLC. AND FIELD MEASUREMENTS.
2. ALL BLOWER ENCLOSURES ARE INSTALLED ON THE ROOF.
3. NO HORIZONTAL PIPING IS INSTALLED ON THE ROOFTOP. ALL HORIZONTAL PIPING LATERALS ARE INSTALLED AND SUPPORTED IN THE CEILING AND PENETRATE THE ROOF WITHIN THE LIMITS OF THE BLOWER ENCLOSURES.

0 50 100

SCALE IN FEET

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866.702.6371 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD & CURRAN

SUB-SLAB VAPOR CONTROL SYSTEM PIPING LAYOUT - ROOF

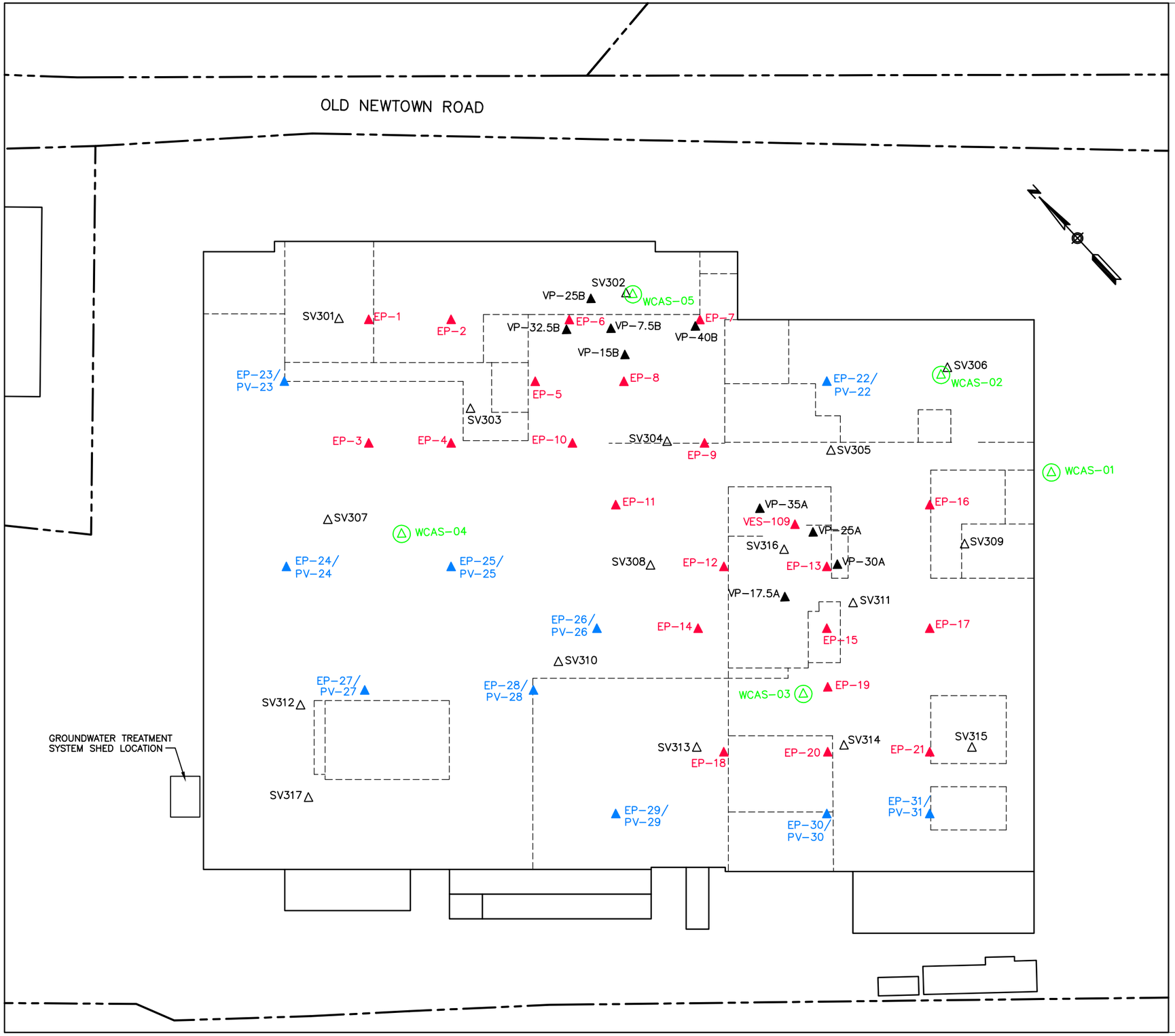
DESIGNED BY: SLD
DRAWN BY: EVR
CHECKED BY: SLD
Figure 2.dwg

RISDON CORPORATION
15 OLD NEWTOWN ROAD
DANBURY, CONNECTICUT

SEMI-ANNUAL STATUS REPORT

JOB NO: 97001
DATE: JANUARY 2014
SCALE: AS NOTED

FIGURE 2



LEGEND

— — — —	PROPERTY BOUNDARY
- - - - - - - -	EXISTING INTERIOR BUILDING WALLS/FEATURES
EP-1 ▲	ZONE 1 EXTRACTION POINT
EP-22/ PV-22 ▲	ZONE 2 EXTRACTION POINT AND PASSIVE VENT LOCATION
SV301 △	SOIL VAPOR PROBE LOCATION
VP-40B ▲	PERFORMANCE EVALUATION TEST VAPOR MONITORING POINT
WCAS-01 △	INDOOR AIR SAMPLE LOCATION AND IDENTIFIER

NOTES:

1. PROPERTY FEATURES ARE APPROXIMATE AND COMPILED FROM PROPERTY SURVEY LAND OF RISDON CORPORATION, DATED JULY 24, 2002, PREPARED BY CCA, LLC. AND FIELD MEASUREMENTS.

0 50 100

SCALE IN FEET

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COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD & CURRAN

VAPOR PROBE AND EXTRACTION POINT LOCATIONS

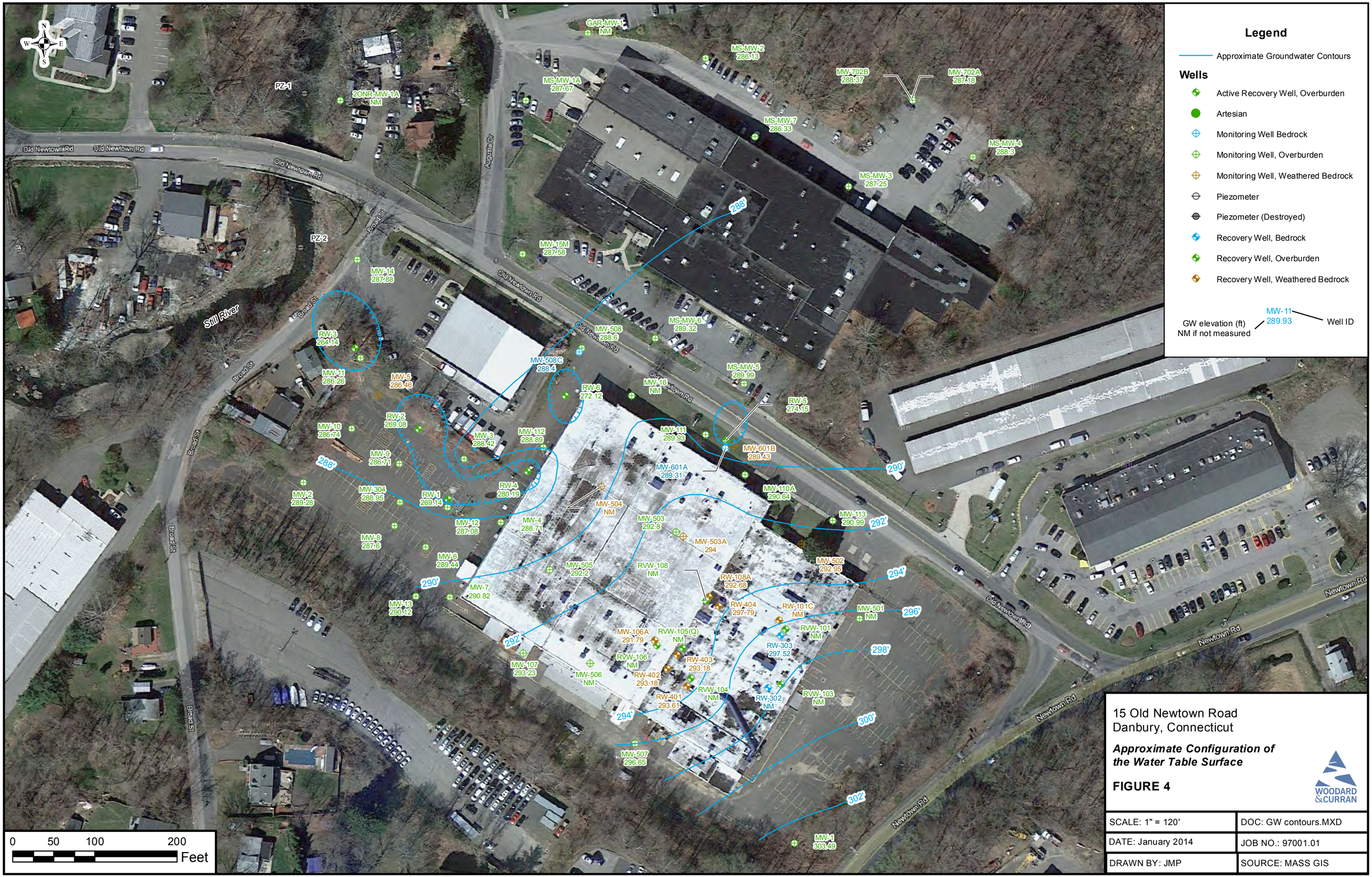
DESIGNED BY: SLD
DRAWN BY: EVR
CHECKED BY: CMR
Figure 3.dwg

RISDON CORPORATION
15 OLD NEWTOWN ROAD
DANBURY, CONNECTICUT

SEMI-ANNUAL STATUS REPORT

JOB NO: 97001
DATE: JANUARY 2014
SCALE: AS NOTED

FIGURE 3



15 Old Newtown Road
Danbury, Connecticut

Approximate Configuration of the Water Table Surface

FIGURE 4

WOODARD & CURRAN

SCALE: 1" = 120'	DOC: GW contours.MXD
DATE: January 2014	JOB NO.: 97001.01
DRAWN BY: JMP	SOURCE: MASS GIS

APPENDIX A: SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS

Former Risdon Facility, Danbury, Connecticut

Well ID	Measuring Point Elevation	8/30/2005	9/1/2005	9/2/2005	9/6/2005	9/8/2005	9/9/2005	9/12/2005	9/14/2005	9/21/2005	9/27/2005	10/5/2005	10/12/2005
MS-MW-5	298.90	8.78	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.42	9.40
MS-MW-6	298.78	9.11	9.12	9.14	9.41	NM	NM	NM	NM	NM	10.25	10.36	10.34
MW-1	306.98	NM	NM	NM	NM	NM	NM	NM	NM	NM	3.90	4.00	3.98
MW-2	303.34	12.91	12.92	12.97	13.33	NM	NM	NM	13.70	13.74	13.81	14.05	14.06
MW-3	301.89	11.86	12.00	12.02	12.11	12.20	12.23	12.20	13.00	13.03	13.48	13.90	13.84
MW-4	303.51	11.80	11.93	12.91	12.92	14.31	14.03	13.74	14.12	14.55	14.56	14.77	14.56
MW-5	301.12	10.88	10.92	11.17	11.59	11.71	11.95	12.02	12.31	12.64	13.11	13.50	13.39
MW-6	303.98	12.53	12.53	12.79	13.19	NM	NM	NM	13.77	13.98	14.18	14.48	14.50
MW-9	302.05	12.67	12.91	12.80	12.91	13.10	13.15	12.63	13.21	13.58	14.20	14.11	14.02
MW-10	301.14	11.45	11.60	11.80	12.15	NM	NM	NM	12.50	12.58	13.03	13.05	13.00
MW-11	301.05	13.79	13.93	13.71	13.68	14.27	14.29	13.81	14.11	14.60	14.65	14.66	14.59
MW-12	303.35	13.62	13.89	13.66	13.69	14.17	14.17	13.32	14.22	14.72	15.08	15.10	15.01
MW-14	296.52	9.90	9.72	9.65	9.85	NM	NM	NM	9.60	9.77	NM	NM	NM
MW-15M	296.49	8.22	8.31	8.43	8.76	NM	NM	NM	8.07	8.29	9.55	9.55	NM
MW-16	300.34	9.00	10.05	10.04	10.51	9.81	9.92	9.92	10.02	10.02	Dry	10.20	10.20
MW-106A	305.12	11.56	11.60	11.64	11.80	NM	NM	NM	NM	11.50	12.57	12.59	12.56
MW-110A	303.43	12.66	12.68	12.70	12.82	NM	NM	NM	12.66	12.68	13.22	13.19	13.07
MW-111	302.39	NM	NM	NM	MN	NM	NM	NM	NM	12.35	12.95	13.29	13.30
MW-112	301.94	10.82	10.90	11.24	11.82	11.97	12.31	12.16	13.00	13.29	14.52	14.11	14.01
MW-113	302.10	11.23	11.29	11.53	11.72	NM	NM	NM	11.04	11.26	11.50	11.53	11.44
MW-304	303.58	12.29	12.36	12.58	13.08	13.18	13.49	13.34	13.67	14.00	14.41	14.46	14.41
MW-502	304.80	12.80	12.91	12.03	12.11	NM	NM	NM	12.84	12.86	12.58	12.61	12.59
MW-503	304.90	11.76	11.70	11.69	11.97	NM	NM	NM	11.79	11.80	12.57	12.59	12.57
MW-504	304.50	13.02	13.20	13.46	13.82	NM	NM	NM	13.08	13.11	Dry	Dry	Dry
MW-508	297.85	7.58	10.76	10.61	9.38	9.80	10.87	9.97	10.20	10.54	11.48	10.61	10.59
MW-508C	298.18	8.19	8.60	9.40	9.84	11.29	11.29	11.00	10.99	10.93	11.95	11.30	11.21
MW-601A	302.64	NM	NM	NM	NM	NM	NM	NM	NM	13.23	13.68	13.82	13.79
MW-601B	302.28	11.49	11.50	11.53	11.68	11.48	11.81	11.94	12.60	12.63	13.32	12.94	12.89
RW-1	298.84	12.27	13.90	14.22	13.50	30.01	15.50	18.25	21.69	30.28	28.20	30.35	30.29
RW-2	298.52	12.03	12.03	12.99	12.87	14.36	14.02	15.04	15.29	15.68	16.91	17.49	17.36
RW-3	296.04	11.26	11.71	12.47	12.68	30.57	19.97	26.90	29.01	30.59	30.55	30.61	30.48
RW-4	NA	11.98	13.00	18.68	13.89	26.66	26.64	26.64	26.63	26.64	26.49	26.51	26.40
RW-5	NA	NM	12.49	12.49	12.63	12.52	12.78	12.91	19.30	25.48	26.52	18.40	18.09
RW-6	NA	10.13	13.01	14.74	13.64	19.58	17.49	19.25	19.39	19.63	26.92	25.83	25.37

Notes:
Measurements provided above are the depth to groundwater in feet from measuring point.
NA - NOT AVAILABLE OR NOT APPLICABLE
NM - NOT MEASURED

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
Former Risdon Facility, Danbury, Connecticut

Well ID	11/10/2005	12/15/2005	1/18/2006	2/10/2006	3/9/2006	3/22/2006	5/12/2006	6/16/2006	7/27/2006	8/1/2006	8/24/2006	9/20/2006	10/9/2006
MS-MW-5	9.27	9.01	NM	NM	7.38	7.64	8.69	NM	NM	NM	NM	NM	NM
MS-MW-6	10.01	9.90	9.00	8.86	7.97	8.03	8.99	7.75	8.80	8.85	8.94	8.83	8.71
MW-1	3.79	3.68	3.49	1.60	1.67	1.84	2.21	2.22	2.45	2.75	2.91	2.94	2.70
MW-2	12.46	12.21	12.00	11.90	12.64	12.94	11.22	11.64	13.31	13.46	13.91	13.57	11.91
MW-3	12.72	12.50	12.17	11.99	12.01	12.36	11.47	10.84	12.76	12.88	13.27	13.45	12.21
MW-4	13.37	13.00	12.61	11.81	12.25	12.96	11.81	11.87	13.61	13.80	14.06	13.88	12.29
MW-5	12.23	11.13	11.12	10.91	12.46	12.81	10.61	10.79	13.26	13.52	14.00	16.87	11.51
MW-6	13.51	12.00	11.81	11.10	12.50	12.80	11.87	10.95	13.36	12.85	13.59	13.98	12.50
MW-9	13.21	12.63	12.03	11.84	13.88	13.96	12.04	11.54	14.56	15.04	15.44	15.16	12.17
MW-10	12.74	12.39	11.98	11.61	12.55	12.89	11.91	10.52	13.18	13.61	14.13	13.86	11.20
MW-11	13.86	13.51	12.96	12.21	12.71	13.47	12.28	12.54	14.22	14.40	14.81	14.51	12.60
MW-12	13.77	13.22	12.84	11.94	13.02	13.35	12.21	12.71	14.32	14.56	14.90	14.86	13.00
MW-14	NM	9.69	NM	8.49	8.47	8.55	9.49	7.91	8.96	NM	9.21	8.77	8.62
MW-15M	8.39	8.09	7.91	7.88	7.68	7.86	7.91	7.33	8.34	8.39	9.01	8.60	8.57
MW-16	9.79	9.56	9.09	8.71	8.76	8.51	8.00	8.34	9.32	9.39	9.59	9.73	9.01
MW-106A	11.51	11.19	NM	NM	NM	NM	NM	NM	NM	10.97	NM	NM	NM
MW-110A	12.57	12.01	11.87	11.41	10.50	10.96	10.66	10.80	11.64	11.75	11.77	12.15	12.01
MW-111	12.29	11.13	10.97	10.64	13.80	10.40	11.00	10.42	11.37	11.48	11.81	12.02	11.72
MW-112	12.30	11.99	11.87	11.87	11.52	11.81	11.61	10.61	12.34	12.49	12.77	13.01	12.06
MW-113	11.41	11.18	11.00	10.82	9.80	9.97	10.79	9.58	10.22	10.25	10.70	10.29	10.06
MW-304	13.69	12.29	11.79	11.20	13.07	13.45	11.91	11.73	13.86	14.03	14.51	14.37	12.89
MW-502	12.49	12.01	11.60	11.27	10.01	10.21	11.80	10.97	NM	10.79	NM	11.01	10.88
MW-503	11.90	11.41	NM	NM	NM	NM	NM	NM	NM	11.20	NM	NM	NM
MW-504	12.99	12.13	NM	NM	NM	NM	NM	NM	NM	13.37	NM	NM	NM
MW-508	10.07	9.67	8.89	8.51	7.90	7.57	7.25	7.13	8.61	8.71	8.99	8.90	7.77
MW-508C	10.21	9.89	8.92	8.57	8.30	8.31	8.03	7.86	9.22	9.36	9.90	9.50	8.29
MW-601A	13.09	12.06	11.81	11.70	11.40	9.46	11.47	11.49	12.46	12.55	13.09	12.88	11.99
MW-601B	12.81	11.71	11.59	11.62	10.15	10.66	11.04	10.91	11.78	11.87	12.65	12.57	11.78
RW-1	29.69	25.10	19.70	26.84	29.98	30.39	21.97	29.90	30.72	29.76	31.17	31.16	30.20
RW-2	16.20	25.30	18.22	19.81	20.28	20.10	19.39	14.33	20.56	21.70	23.59	24.31	23.20
RW-3	30.61	30.63	19.10	30.60	30.60	30.64	21.70	28.41	30.60	30.61	30.54	30.92	30.70
RW-4	26.78	NM	25.98	24.31	26.56	15.97	24.90	26.45	24.22	24.57	24.30	26.64	24.42
RW-5	26.42	26.30	26.38	26.27	26.79	13.00	23.19	24.08	27.11	25.60	24.71	25.52	28.10
RW-6	27.35	29.30	28.99	29.22	12.09	10.48	25.07	26.24	25.62	25.56	26.48	28.89	25.81

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
Former Risdon Facility, Danbury, Connecticut

Well ID	11/13/2006	12/20/2006	1/19/2007	2/23/2007	3/14/2007	4/13/2007	5/15/2007	6/19/2007	7/17/2007	8/21/2007	9/20/2007	10/20/2007	11/13/2007
MS-MW-5	NM	NM	NM	NM	8.79	8.62	NM	NM	NM	NM	NM	8.80	8.74
MS-MW-6	8.83	8.90	8.81	8.90	9.30	9.09	8.79	8.84	NM	NM	NM	9.90	9.86
MW-1	2.77	2.91	2.59	2.63	2.81	2.68	2.18	2.49	2.80	2.79	7.52	7.30	7.27
MW-2	12.10	12.26	12.00	12.16	12.69	11.10	14.75	14.80	13.80	13.77	14.41	14.63	14.60
MW-3	12.40	12.49	12.17	12.22	12.85	11.76	11.81	11.90	13.11	13.13	13.99	14.40	14.43
MW-4	12.57	12.63	12.41	12.40	13.35	13.05	12.71	12.73	14.15	14.10	15.24	15.60	15.53
MW-5	11.78	11.79	11.57	11.62	13.02	12.18	14.33	14.00	14.13	14.06	15.22	16.89	16.73
MW-6	12.50	12.43	12.31	12.40	12.79	12.59	13.19	12.87	13.10	13.00	14.00	14.81	14.77
MW-9	12.27	12.28	12.14	12.31	14.05	13.92	13.63	13.84	15.52	15.48	16.18	16.00	15.97
MW-10	11.44	11.49	11.13	11.19	12.73	11.70	12.10	11.93	14.00	13.93	14.76	13.80	13.81
MW-11	12.77	12.86	12.59	12.47	13.90	13.42	13.60	13.51	14.51	14.47	15.10	14.22	14.21
MW-12	13.28	13.24	12.99	12.89	14.00	13.61	13.59	13.64	15.06	14.97	15.99	15.01	14.82
MW-14	8.79	8.91	8.77	8.80	9.13	9.07	9.00	9.10	9.40	9.26	9.14	9.11	9.01
MW-15M	8.62	8.68	8.48	8.49	9.00	8.91	8.97	8.79	8.52	8.51	9.63	9.10	8.99
MW-16	9.10	9.20	9.16	9.21	9.24	8.90	8.83	8.91	9.70	9.74	9.89	9.75	9.75
MW-106A	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-110A	11.29	11.37	11.20	11.23	11.67	11.40	11.37	12.07	12.27	12.20	13.40	13.61	13.57
MW-111	11.19	11.33	11.17	11.19	11.39	11.08	11.14	11.39	12.11	12.07	13.20	13.50	13.44
MW-112	12.19	12.37	12.27	12.39	12.22	11.46	11.09	12.47	12.81	12.96	13.77	14.08	14.02
MW-113	10.32	10.31	10.29	10.30	10.37	10.24	10.17	10.26	10.69	10.41	12.17	12.32	12.33
MW-304	13.00	12.91	12.73	12.87	12.99	12.61	12.65	12.71	14.45	14.29	14.39	14.57	14.55
MW-502	11.00	11.10	10.99	11.06	11.26	11.11	11.06	11.04	NM	11.06	NM	NM	NM
MW-503	12.04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-504	13.50	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-508	7.90	7.93	7.79	7.83	8.30	8.21	8.19	8.40	9.05	9.00	10.02	9.90	9.88
MW-508C	8.46	8.51	8.37	8.49	8.85	8.59	8.48	8.67	9.42	9.39	10.51	10.40	10.37
MW-601A	11.35	11.51	11.46	11.51	11.78	12.12	12.17	12.31	13.18	12.94	13.88	13.90	13.87
MW-601B	11.78	11.83	11.71	11.90	12.06	11.56	11.67	11.97	12.72	12.70	13.52	13.46	13.44
RW-1	30.21	30.16	30.14	30.17	29.99	30.17	30.81	30.80	31.04	31.01	30.70	30.21	30.20
RW-2	23.90	23.01	23.00	22.98	24.10	23.27	22.31	22.34	23.82	23.80	24.10	24.49	24.47
RW-3	30.68	30.66	30.64	30.66	30.65	27.18	30.67	30.64	29.10	29.11	26.07	21.99	23.60
RW-4	24.44	24.49	24.46	24.50	27.13	26.19	27.14	27.15	26.90	26.88	24.35	24.51	24.50
RW-5	27.91	27.89	27.87	27.90	27.93	26.49	24.67	24.69	27.19	27.13	26.16	26.13	26.14
RW-6	25.21	25.26	25.21	25.23	25.19	19.40	26.40	26.37	26.58	26.60	26.83	26.43	26.51

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
Former Risdon Facility, Danbury, Connecticut

Well ID	12/20/2007	1/23/2008	3/1/2008	3/27/2008	4/29/2008	5/13/2008	6/18/2008	7/31/2008	8/29/2008	9/2/2008	9/26/2008	10/24/2008	11/14/2008
MS-MW-5	8.70	8.48	8.29	NM	NM	NM	NM	8.20	8.29	8.29	NM	NM	NM
MS-MW-6	9.79	9.51	9.40	9.43	9.48	9.50	9.24	9.03	9.11	9.11	9.16	9.21	NM
MW-1	7.47	7.13	6.67	6.29	6.01	6.34	7.02	7.24	7.39	7.39	7.46	7.16	6.89
MW-2	14.64	13.01	11.29	11.33	11.29	11.32	12.66	14.00	14.08	14.08	14.13	13.87	13.00
MW-3	14.47	13.59	11.48	11.50	12.08	12.11	12.80	13.40	13.45	13.45	13.49	13.31	13.02
MW-4	15.58	13.69	11.53	11.56	13.08	13.16	13.92	14.49	14.56	14.56	14.60	14.26	14.21
MW-5	16.75	12.70	11.58	11.60	12.58	13.00	14.01	14.43	14.47	14.47	14.50	14.15	14.10
MW-6	14.90	13.00	11.81	11.92	11.83	12.01	13.02	13.37	13.43	13.43	13.49	13.24	13.20
MW-9	16.01	14.02	13.30	13.43	13.27	13.37	14.26	15.29	15.49	15.49	15.53	14.46	14.39
MW-10	13.93	13.60	NM	8.17	8.10	8.17	11.12	14.16	14.21	14.21	14.23	14.27	12.85
MW-11	14.18	13.04	13.07	13.49	13.50	13.53	14.26	14.87	14.89	14.89	15.00	14.60	13.90
MW-12	14.89	14.40	13.68	13.91	13.86	13.90	14.43	15.29	15.51	13.57	15.56	15.32	15.19
MW-14	9.07	8.98	8.87	8.81	8.79	8.80	8.77	8.77	8.99	8.99	9.04	8.93	8.30
MW-15M	9.02	8.93	8.83	8.84	8.80	8.86	8.27	8.47	8.53	8.53	8.55	8.46	7.97
MW-16	9.75	9.75	9.75	9.13	8.71	8.70	9.21	9.90	9.90	9.90	9.91	9.91	DRY
MW-106A	NM	NM	NM	NM	10.52	NM	NM	NM	12.01	13.27	NM	NM	NM
MW-110A	13.53	13.17	12.99	12.91	12.83	13.00	12.31	11.80	12.49	12.49	12.55	12.59	12.47
MW-111	13.47	13.10	12.82	12.77	12.46	12.53	12.20	11.94	11.81	11.81	11.90	12.07	11.97
MW-112	14.12	14.00	13.61	12.10	11.52	11.58	12.64	13.39	13.57	13.57	13.61	13.00	12.60
MW-113	12.31	12.26	12.11	12.14	12.02	12.00	11.80	11.29	11.40	11.40	11.42	11.31	11.20
MW-304	14.60	14.31	14.03	13.14	12.90	12.98	13.57	14.30	14.37	13.45	13.46	13.36	14.02
MW-502	NM	NM	NM	NM	NM	NM	NM	NM	11.57	11.57	NM	NM	NM
MW-503	NM	NM	NM	NM	10.91	NM	NM	NM	11.19	11.19	NM	NM	NM
MW-504	NM	NM	NM	NM	10.28	NM	NM	NM	14.10	14.10	NM	NM	NM
MW-508	9.84	9.73	7.47	8.19	8.12	8.30	8.79	9.26	9.32	11.47	9.39	9.11	8.50
MW-508C	10.36	10.21	8.06	8.59	8.52	8.55	9.29	9.77	9.82	9.82	9.94	9.60	9.05
MW-601A	14.00	13.88	13.00	12.99	12.91	13.04	13.00	12.99	13.27	13.27	13.30	13.42	12.90
MW-601B	13.48	13.27	12.89	12.81	12.74	12.79	12.51	12.11	12.21	12.21	12.31	13.18	12.72
RW-1	30.22	31.22	31.20	30.35	30.37	30.35	30.29	30.32	30.35	30.37	30.37	31.18	31.15
RW-2	24.42	24.91	24.59	24.29	24.04	24.10	24.29	24.30	24.35	24.34	24.38	24.29	24.18
RW-3	23.61	24.90	31.40	31.43	31.45	31.47	31.50	31.49	31.50	31.51	31.54	31.50	31.47
RW-4	24.52	24.02	26.83	26.31	26.30	26.29	26.42	26.37	26.34	26.34	26.33	25.46	24.78
RW-5	26.16	27.49	25.51	25.60	25.63	25.60	25.50	25.51	25.59	25.60	25.61	26.26	26.41
RW-6	26.49	26.61	27.01	25.12	25.11	25.09	26.17	26.14	26.13	26.11	26.17	26.41	26.41

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
Former Risdon Facility, Danbury, Connecticut

Well ID	12/16/2008	1/13/2009	2/12/2009	3/16/2009	4/28/2009	5/27/2009	6/18/2009	7/22/2009	8/21/2009	9/22/2009	10/12/2009	11/24/2009	12/22/2009
MS-MW-5	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.41	8.41	8.40	8.32
MS-MW-6	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1	6.51	6.30	6.35	6.11	6.21	6.16	6.20	6.27	6.30	6.89	6.89	6.81	6.74
MW-2	11.49	12.11	12.38	12.46	12.52	12.59	11.13	11.19	11.69	13.46	13.46	13.42	13.40
MW-3	12.11	12.40	12.47	12.11	12.19	12.15	12.01	12.06	12.11	12.90	13.01	12.97	12.90
MW-4	13.39	12.76	12.83	13.07	13.20	12.72	12.66	12.77	12.79	13.86	13.93	13.90	13.85
MW-5	11.01	NM	12.79	12.11	12.21	11.80	11.76	12.00	12.06	13.23	13.20	13.21	13.17
MW-6	11.60	11.91	12.14	12.20	12.39	12.60	12.51	12.48	12.39	14.11	14.15	14.11	14.10
MW-9	12.70	12.86	13.00	13.21	13.30	12.71	13.31	13.36	13.37	13.40	13.41	13.42	13.37
MW-10	12.02	11.77	11.83	12.10	12.25	11.70	0.86	12.00	12.06	13.01	13.10	13.11	13.06
MW-11	12.16	12.77	12.90	12.41	12.47	12.00	11.89	12.39	12.40	13.65	13.70	13.66	13.54
MW-12	14.00	13.72	13.84	14.10	14.17	13.90	13.56	13.61	13.77	14.41	15.00	14.97	14.89
MW-14	7.42	7.51	7.53	8.06	8.12	7.89	7.71	7.90	7.98	8.98	9.01	9.03	8.97
MW-15M	6.83	6.90	7.19	7.68	7.80	7.53	7.49	7.59	7.63	8.34	8.38	8.35	8.31
MW-16	Dry	Dry	Dry	9.10	9.15	8.91	8.83	8.89	8.94	Dry	Dry	Dry	Dry
MW-106A	NM	NM	NM	10.98	NM	10.81	10.80	NM	NM	12.59	12.61	12.56	12.51
MW-110A	11.88	11.93	12.29	11.99	12.13	11.26	11.21	11.29	11.46	11.73	11.59	11.56	11.50
MW-111	11.31	11.44	11.77	11.12	11.28	11.01	10.90	10.96	11.09	11.59	11.66	11.60	11.53
MW-112	12.10	12.39	12.50	11.66	11.84	11.58	11.61	11.74	11.75	12.49	12.55	12.57	12.56
MW-113	10.86	11.01	11.36	10.11	10.17	10.04	10.00	10.10	10.13	10.10	10.12	10.11	10.07
MW-304	12.97	14.01	14.21	13.09	13.19	12.78	12.70	13.00	13.05	13.90	13.98	13.96	13.91
MW-502	NM	NM	NM	10.90	11.00	10.88	10.84	10.91	10.93	10.85	10.88	10.81	NM
MW-503	NM	NM	NM	11.42	NM	11.36	11.20	NM	NM	NM	NM	NM	NM
MW-504	NM	NM	NM	13.04	NM	12.97	12.84	NM	NM	NM	NM	NM	NM
MW-508	7.99	NM	8.38	7.94	8.13	7.86	7.79	7.88	7.91	8.51	8.65	8.63	8.57
MW-508C	8.77	NM	9.00	8.48	8.63	8.37	8.32	8.46	8.43	9.16	9.20	9.16	9.07
MW-601A	11.70	NM	12.81	12.39	12.48	12.21	12.16	12.20	12.36	12.30	12.76	12.71	12.66
MW-601B	12.12	NM	12.60	12.08	12.19	11.80	11.71	11.81	11.94	11.91	11.79	11.72	11.69
RW-1	31.13	31.14	31.11	31.28	31.26	31.16	31.17	31.16	31.14	31.12	31.30	31.29	31.30
RW-2	24.19	24.17	24.18	20.95	24.16	17.90	16.20	20.71	20.91	21.16	20.42	21.16	21.67
RW-3	31.46	31.45	31.42	27.94	31.42	14.41	12.91	27.04	27.69	24.97	22.36	23.90	23.61
RW-4	24.77	24.78	24.76	26.29	26.27	26.20	26.17	26.15	26.19	26.14	25.45	25.46	25.41
RW-5	26.38	26.39	26.34	26.38	26.40	26.31	26.30	26.28	26.31	20.16	22.73	26.29	26.30
RW-6	26.40	26.41	26.44	26.33	26.64	26.70	26.68	26.66	26.59	26.58	26.61	26.62	26.61

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
Former Risdon Facility, Danbury, Connecticut

Well ID	1/28/2010	2/24/2010	3/24/2010	4/14/2010	5/13/2010	6/11/2010	7/16/2010	8/17/2010	9/20/2010	10/21/2010	11/11/2010	12/16/2010	1/19/2011
MS-MW-5	NM	NM	NM	NM	NM	8.25	NM	NM	NM	NM	NM	NM	NM
MS-MW-6	NM	NM	NM	NM	NM	8.79	8.81	9.06	NM	NM	NM	NM	NM
MW-1	6.50	6.26	5.61	5.73	5.96	6.01	6.09	6.91	7.24	7.21	7.26	6.97	6.88
MW-2	13.30	8.58	8.39	8.46	8.70	13.09	13.15	13.90	14.26	14.01	14.10	12.60	12.51
MW-3	12.79	12.00	8.02	8.19	8.39	12.05	12.09	12.84	13.61	12.98	13.24	11.71	11.68
MW-4	13.66	12.98	9.54	9.70	9.94	12.79	12.90	13.61	14.80	14.29	14.36	12.78	12.66
MW-5	13.08	11.65	8.30	8.40	9.88	11.91	11.97	13.27	14.28	13.47	13.70	12.52	12.49
MW-6	13.94	11.84	9.42	9.59	9.73	13.02	13.18	13.90	14.50	13.73	13.99	12.80	12.72
MW-9	13.32	10.41	9.50	9.64	9.84	12.70	12.84	13.51	14.71	13.91	14.19	13.01	12.89
MW-10	13.01	4.12	7.60	7.81	8.26	11.48	11.60	13.24	14.25	14.16	14.34	12.40	12.29
MW-11	13.50	11.59	11.09	11.49	10.00	12.45	12.57	13.34	14.68	14.01	14.18	12.31	12.26
MW-12	14.61	13.96	9.70	9.86	9.61	14.10	14.19	14.47	NM	NM	NM	NM	NM
MW-14	6.59	12.70	9.31	9.40	9.91	8.71	8.92	9.02	9.63	9.39	9.46	8.29	8.70
MW-15M	6.87	6.78	6.37	6.39	6.41	8.17	8.37	8.87	9.31	9.19	9.28	8.98	8.83
MW-16	9.59	Dry	7.08	7.41	7.63	9.06	9.30	Dry	Dry	Dry @9.80	Dry @ 9.80	Dry @ 9.80	NM
MW-106A	12.38	NM	9.59	NM	NM	10.65	NM	NM	11.31	11.13	NM	NM	NM
MW-110A	11.42	12.00	9.83	9.99	10.11	11.75	12.04	12.49	12.58	12.23	12.39	12.00	11.84
MW-111	11.46	11.82	9.38	9.49	9.64	11.47	11.70	12.14	12.20	11.98	12.19	11.87	11.70
MW-112	12.53	11.46	9.02	9.30	9.37	11.55	11.68	13.07	13.18	12.78	12.90	12.69	12.38
MW-113	9.91	9.70	8.40	8.43	8.49	10.25	10.31	11.34	11.40	11.11	11.31	11.12	10.91
MW-304	13.86	12.65	9.60	9.79	9.96	13.14	13.39	14.50	14.69	13.95	14.03	13.52	13.41
MW-502	NM	NM	8.61	NM	NM	10.70	NM	NM	12.29	11.94	12.04	11.71	11.60
MW-503	NM	NM	10.35	NM	NM	10.90	NM	NM	12.34	NM	NM	NM	NM
MW-504	NM	NM	11.78	NM	NM	13.92	NM	NM	NM	NM	NM	NM	NM
MW-508	8.29	8.31	5.15	5.48	5.77	8.06	8.21	9.47	9.55	9.32	9.38	8.71	NM
MW-508C	8.71	8.80	5.90	6.19	6.38	8.61	8.90	9.81	9.97	9.64	9.66	9.09	NM
MW-601A	12.54	NM	11.30	11.48	11.66	12.50	12.64	12.90	13.16	13.04	13.19	12.84	12.21
MW-601B	11.53	12.10	9.25	9.37	9.59	12.08	12.19	12.49	12.71	12.76	12.81	12.59	12.40
RW-1	31.32	31.30	11.83	12.67	25.79	31.26	31.29	30.48	29.81	29.83	29.82	29.80	29.82
RW-2	22.91	19.28	17.41	18.10	21.04	19.79	21.79	23.55	23.76	24.19	24.11	24.15	24.46
RW-3	24.88	15.09	11.09	10.91	13.94	15.45	18.46	28.85	31.40	31.39	31.37	31.36	31.34
RW-4	25.40	26.60	26.82	26.80	26.81	26.79	26.76	26.77	26.78	26.80	26.81	26.79	NM
RW-5	26.31	26.40	26.43	26.50	26.48	26.50	26.49	26.91	26.96	26.93	26.90	16.97	NM
RW-6	26.60	26.56	26.80	26.78	26.74	25.60	25.67	25.80	25.82	25.86	25.89	25.90	25.92

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
Former Risdon Facility, Danbury, Connecticut

Well ID	2/21/2011	3/21/2011	4/29/2011	5/17/2011	6/29/2011	7/12/2011	8/3/2011	8/24/2011	9/23/2011	10/29/2011	11/17/2011	12/27/2011	1/19/2012
MS-MW-5	NM	5.81	NM	7.29	7.39	NM	NM	NM	NM	NM	NM	NM	NM
MS-MW-6	NM	6.21	NM	7.90	8.11	NM	9.16	9.18	8.71	NM	6.16	6.20	6.36
MW-1	6.73	5.62	5.36	5.62	5.71	5.94	6.29	6.33	6.37	6.17	5.78	5.84	6.00
MW-2	11.90	9.85	11.18	11.55	12.28	13.10	13.50	13.51	12.05	13.20	12.03	12.09	12.31
MW-3	11.50	9.58	10.60	11.16	11.53	11.43	12.63	12.68	10.90	12.34	11.18	11.23	11.48
MW-4	12.49	10.85	11.47	11.95	12.42	12.29	13.70	13.73	12.96	13.50	11.81	11.96	12.19
MW-5	12.19	9.12	9.06	NM	12.03	12.16	12.84	12.90	12.66	12.62	10.71	10.74	11.01
MW-6	12.58	7.56	7.50	4.55	12.36	12.88	12.94	12.99	12.70	12.71	10.83	11.00	11.29
MW-9	12.49	9.80	9.77	10.60	13.48	11.24	NM	11.41	11.39	11.33	10.14	10.21	10.50
MW-10	12.04	8.96	8.89	7.71	11.02	12.10	12.48	12.53	10.66	12.30	10.41	10.67	10.90
MW-11	12.03	9.66	9.58	9.40	12.10	12.81	13.42	13.41	11.65	13.06	11.09	11.21	11.50
MW-12	NM	12.27	12.11	13.37	13.00	13.79	NM	NM	NM	NM	NM	12.70	12.98
MW-14	8.50	6.24	6.22	7.41	8.42	8.18	9.24	9.18	7.61	8.92	7.26	7.35	7.6
MW-15M	NM	6.00	5.80	7.20	9.39	9.47	8.63	8.66	6.85	8.48	7.08	7.20	7.47
MW-16	NM	7.11	7.00	8.25	8.48	8.57	9.25	9.30	8.91	9.09	8.58	8.62	8.88
MW-106A	NM	9.96	9.81	9.98	9.98	10.06	11.18	11.23	10.90	11.00	NM	NM	NM
MW-110A	11.59	9.55	9.48	11.05	11.08	11.09	12.03	12.07	11.21	11.81	10.51	10.77	10.94
MW-111	11.47	8.95	8.90	10.80	10.79	10.70	11.78	11.84	10.10	11.59	10.32	10.59	10.77
MW-112	12.11	9.25	10.08	10.86	10.93	10.86	12.09	12.12	10.13	11.77	10.47	10.66	10.91
MW-113	9.76	8.31	8.48	9.40	9.58	9.69	11.10	11.17	9.33	10.82	9.39	9.51	9.60
MW-304	13.16	10.53	11.57	12.25	12.49	13.15	13.75	13.79	11.81	13.48	10.91	11.11	11.29
MW-502	11.39	9.13	9.17	10.08	9.90	10.00	12.05	12.10	11.37	11.79	NM	NM	NM
MW-503	NM	10.66	10.69	10.39	10.61	10.80	11.40	11.43	11.02	11.22	10.19	NM	NM
MW-504	NM	11.37	11.44	12.20	11.47	11.51	13.21	13.22	12.11	12.88	NM	NM	NM
MW-508	NM	5.37	5.17	6.98	7.30	7.39	8.62	8.64	6.50	8.39	6.72	6.89	7.00
MW-508C	NM	6.24	6.12	7.70	8.03	8.14	9.18	9.19	7.15	8.81	7.35	7.43	7.61
MW-601A	12.01	10.02	9.93	11.00	11.17	11.23	12.31	12.33	10.28	11.99	10.46	10.67	10.74
MW-601B	12.24	8.96	10.10	11.47	11.39	11.48	12.37	12.40	10.36	12.03	10.59	10.74	10.80
RW-1	29.81	29.83	29.80	30.60	31.00	30.67	30.65	30.65	30.63	30.61	30.60	30.61	30.62
RW-2	24.79	24.22	16.98	14.88	20.49	21.52	22.36	22.97	18.61	20.09	18.71	19.10	20.07
RW-3	30.36	28.71	15.49	10.65	17.97	20.16	21.51	21.88	15.86	17.74	16.10	17.14	19.17
RW-4	NM	26.80	26.48	26.45	26.11	24.81	24.77	24.82	24.81	24.80	24.78	24.76	24.75
RW-5	NM	NM	26.18	26.20	25.16	23.58	23.61	23.56	23.57	23.60	23.61	23.60	23.61
RW-6	25.94	25.92	25.89	25.90	35.00	33.81	33.70	33.80	33.82	33.80	33.77	33.72	33.70

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Former Risdon Facility, Danbury, Connecticut

Well ID	2/13/2012	3/21/2012	4/5/2012	5/28/2012	6/28/2012	7/23/2012	8/27/2012	9/30/2012	10/18/2012	11/20/2012
MS-MW-5	NM	7.28	7.81	7.89	8.16	8.19	8.18	8.49	7.49	8.11
MS-MW-6	6.34	8.33	8.56	8.61	8.81	8.92	8.82	9.20	8.56	8.68
MW-1	6.01	6.08	6.01	6.16	7.03	6.42	7.10	7.31	7.37	7.21
MW-2	12.27	12.89	12.9	13.01	13.18	13.24	13.21	13.73	13.78	13.39
MW-3	11.52	12.04	12.19	12.28	12.41	12.39	12.48	13.06	13.50	12.90
MW-4	12.23	12.98	13.28	13.27	13.50	13.44	13.55	14.22	14.36	14.06
MW-5	10.96	11.96	12.17	12.24	12.27	12.08	12.34	13.22	13.33	12.92
MW-6	11.37	12.51	13.38	13.44	12.93	12.94	13.01	13.46	13.53	14.10
MW-9	10.52	13.3	13.57	13.65	13.28	13.77	13.35	14.40	14.53	14.08
MW-10	10.84	11.95	12.13	12.23	12.23	12.37	12.28	13.20	13.42	9.48
MW-11	11.44	12.2	12.38	12.46	12.50	12.63	12.55	13.42	13.55	13.60
MW-12	13.04	14.41	14.46	14.68	14.77	14.65	14.81	15.45	15.49	15.20
MW-14	7.63	8.03	8.27	8.41	8.36	8.63	8.40	8.85	8.89	9.16
MW-15M	7.54	7.74	7.85	7.96	8.10	8.17	9.08	8.42	8.51	7.99
MW-16	8.89	8.97	9.00	9.18	9.49	9.49	9.55	Dry @ 9.62	Dry @ 9.62	Dry @ 9.62
MW-106A	NM	10.94	NM	NM	NM	NM	11.91	NM	NM	12.21
MW-110A	10.97	11.66	11.66	11.79	12.44	11.82	12.50	12.61	12.68	12.38
MW-111	10.83	11.35	11.46	11.52	11.93	11.58	12.00	12.32	12.48	11.94
MW-112	10.97	11.53	11.73	11.85	12.00	12.03	12.04	12.61	12.85	12.47
MW-113	9.69	9.98	10.00	10.13	10.39	10.30	10.44	10.77	10.83	10.43
MW-304	11.30	13.21	13.39	13.52	13.51	13.69	13.56	14.09	14.21	14.01
MW-502	NM	10.62	10.72	10.80	11.36	NM	11.42	11.67	11.73	11.31
MW-503	NM	10.68	NM	NM	NM	NM	12.20	11.72	11.80	12.47
MW-504	NM	13.02	NM	NM	NM	NM	NM	13.49	13.62	Dry @ 13.71
MW-508	7.01	7.91	7.97	8.17	8.16	8.30	8.23	8.72	8.84	8.41
MW-508C	7.60	8.34	8.35	8.57	8.53	8.85	8.70	9.16	9.27	8.86
MW-601A	10.69	12.37	12.40	12.51	12.91	12.52	12.96	13.19	13.26	12.60
MW-601B	10.78	11.7	11.89	12.02	12.32	12.55	12.39	12.73	12.84	12.34
RW-1	30.60	30.62	30.60	30.61	30.60	30.62	30.63	30.59	30.60	30.57
RW-2	19.77	18.68	20.90	21.21	21.54	21.85	21.08	21.08	24.53	24.74
RW-3	17.01	16.21	18.12	18.69	18.98	20.18	22.32	22.32	31.49	31.50
RW-4	24.76	24.82	24.71	24.72	24.70	24.71	24.70	24.70	24.70	24.71
RW-5	23.60	23.64	23.66	23.64	23.63	23.64	23.67	23.67	23.67	23.69
RW-6	33.70	33.26	33.61	33.64	33.60	33.62	33.58	33.58	33.59	33.57

APPENDIX A
SUMMARY OF GROUNDWATER LEVEL MEASUREMENTS
Former Risdon Facility, Danbury, Connecticut

Well ID	12/10/2012	1/31/2013	2/22/2013	3/20/2013	4/29/2013	5/22/2013	6/26/2013	7/30/2013	8/29/2013	9/25/2013	10/24/2013	11/27/2013
MS-MW-5	NM	NM	NM	NM	8.21	8.10	8.07	8.13	8.51	8.91	9.14	NM
MS-MW-6	9.15	8.70	8.51	8.41	8.73	8.68	8.52	8.63	8.99	9.46	9.75	9.74
MW-1	7.18	6.95	6.90	6.53	6.51	6.35	6.27	6.32	6.88	7.02	7.36	7.21
MW-2	13.26	11.56	13.14	12.04	13.35	13.20	13.21	13.28	13.31	14.06	14.23	5.72
MW-3	14.30	11.65	12.48	12.23	11.77	11.82	11.75	11.90	13.10	13.47	13.91	14.14
MW-4	14.40	12.91	12.8	12.56	13.56	13.51	13.44	13.51	14.28	14.80	15.25	13.63
MW-5	13.48	11.25	13.16	12.06	11.85	11.97	11.89	12.02	13.42	14.66	15.30	13.74
MW-6	14.44	8.51	8.39	11.72	13.13	13.08	12.97	13.06	13.98	14.54	15.02	11.40
MW-9	14.68	9.44	9.30	13.95	14.52	14.50	14.21	14.28	14.87	15.54	15.68	12.32
MW-10	11.34	9.37	7.72	10.65	12.09	12.15	12.09	12.17	13.55	14.40	15.08	3.41
MW-11	14.05	12.50	12.47	13.00	13.38	13.40	13.28	13.31	13.92	14.79	15.10	12.28
MW-12	15.57	13.95	13.71	13.66	14.89	14.92	14.70	14.72	15.32	16.27	16.80	13.80
MW-14	8.63	8.03	7.73	7.60	8.69	8.64	8.53	8.63	8.95	9.12	9.57	8.72
MW-15M	8.28	7.55	7.31	7.15	8.16	8.11	8.01	8.13	8.68	8.91	9.14	8.47
MW-16	Dry @ 9.95	8.82	8.71	8.75	9.02	8.97	8.88	9.10	9.73	Dry @ 9.76	Dry @ 9.8	8.44
MW-106A	NM	NM	NM	NM	11.19	11.12	11.03	11.08	11.55	12.00	NM	12.96
MW-110A	12.75	12.07	11.89	10.57	11.55	11.63	11.59	12.08	12.56	12.79	13.38	13.20
MW-111	12.36	11.7	11.62	9.83	10.92	11.01	10.94	11.00	11.89	12.46	12.92	12.58
MW-112	12.88	11.44	11.25	11.31	11.29	11.37	11.35	11.44	12.67	13.05	13.48	13.02
MW-113	10.71	11.03	10.96	9.52	10.50	10.54	10.52	10.55	10.73	11.11	11.38	11.92
MW-304	NM	13.07	12.98	13.08	13.20	13.23	13.16	13.23	14.05	14.63	15.00	14.62
MW-502	11.76	11.99	NM	11.39	10.98	11.03	10.98	11.00	11.65	11.85	12.40	12.70
MW-503	12.69	12.77	NM	12.50	11.29	11.38	11.29	11.32	11.81	12.10	NM	12.95
MW-504	Dry @ 13.72	Dry @ 13.72	NM	13.69	12.99	13.03	12.93	13.02	13.77	Dry @ 13.9	NM	Dry @ 13.92
MW-508	8.82	7.75	7.59	NM	7.92	7.90	7.84	7.91	9.08	9.25	9.45	8.26
MW-508C	9.22	8.15	8.04	8.10	8.65	8.61	8.58	8.63	8.73	9.76	10.02	9.20
MW-601A	13.81	12.65	12.58	11.90	12.17	12.20	12.16	12.20	12.95	13.33	13.68	11.28
MW-601B	12.73	12.30	12.21	10.11	11.57	11.62	11.55	11.62	12.40	12.85	13.32	12.58
RW-1	30.61	30.59	31.41	31.45	29.76	29.69	29.67	29.65	29.68	29.70	31.25	31.24
RW-2	24.68	15.29	26.87	26.88	25.01	29.05	29.35	29.37	29.41	29.44	29.80	29.77
RW-3	31.46	31.48	32.87	32.84	31.77	31.87	31.89	31.87	31.86	31.90	31.95	31.90
RW-4	24.72	24.72	24.38	24.36	23.05	23.00	23.03	23.05	23.09	23.11	23.25	23.22
RW-5	23.66	23.64	23.69	14.69	22.98	23.86	23.88	23.87	23.86	23.85	23.44	23.45
RW-6	33.55	33.54	32.10	32.13	30.16	30.13	30.21	30.24	30.20	30.18	30.11	30.17

APPENDIX B: ANALYTICAL DATA REPORTS – Groundwater Treatment System Influent and Effluent Data

ANALYTICAL REPORT

Lab Number:	L1315064
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001.01
Report Date:	08/14/13

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1315064-01	EFFLUENT	DANBURY, CT	07/31/13 14:46

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: RISDON **Lab Number:** L1315064
Project Number: 97001.01 **Report Date:** 08/14/13

Case Narrative (continued)

RCP Related Narratives

Volatile Organics

The initial calibration, associated with L1315064-01, utilized a quadratic fit for acetone.

In reference to question 5b:

L1315064-01: One or more of the target analytes did not achieve the requested regulatory limits.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/14/13

ORGANICS

VOLATILES

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

SAMPLE RESULTS

Lab ID:	L1315064-01	Date Collected:	07/31/13 14:46
Client ID:	EFFLUENT	Date Received:	08/07/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	08/13/13 09:36		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

SAMPLE RESULTS

Lab ID: L1315064-01 Date Collected: 07/31/13 14:46

Client ID: EFFLUENT Date Received: 08/07/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylene (Total)	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.0	--	1

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

SAMPLE RESULTS

Lab ID:	L1315064-01	Date Collected:	07/31/13 14:46
Client ID:	EFFLUENT	Date Received:	08/07/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	118		70-130

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 08/13/13 06:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG628541-3					
Methylene chloride	ND		ug/l	5.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 08/13/13 06:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG628541-3					
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylene (Total)	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Acrylonitrile	ND		ug/l	5.0	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,3-Dichloropropane	ND		ug/l	2.5	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.60	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 08/13/13 06:55
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG628541-3					
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	118		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG628541-1 WG628541-2								
Methylene chloride	110		97		70-130	13		30
1,1-Dichloroethane	98		91		70-130	7		30
Chloroform	118		114		70-130	3		30
Carbon tetrachloride	96		96		70-130	0		30
1,2-Dichloropropane	97		94		70-130	3		30
Dibromochloromethane	81		82		70-130	1		30
1,1,2-Trichloroethane	86		89		70-130	3		30
Tetrachloroethene	92		90		70-130	2		30
Chlorobenzene	102		101		70-130	1		30
Trichlorofluoromethane	100		98		70-130	2		30
1,2-Dichloroethane	106		105		70-130	1		30
1,1,1-Trichloroethane	104		101		70-130	3		30
Bromodichloromethane	102		96		70-130	6		30
trans-1,3-Dichloropropene	72		70		70-130	3		30
cis-1,3-Dichloropropene	92		90		70-130	2		30
1,1-Dichloropropene	90		88		70-130	2		30
Bromoform	71		70		54-136	1		30
1,1,2,2-Tetrachloroethane	89		92		70-130	3		30
Benzene	95		93		70-130	2		30
Toluene	94		93		70-130	1		30
Ethylbenzene	97		94		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG628541-1 WG628541-2								
Chloromethane	79		74		64-130	7		30
Bromomethane	114		115		39-139	1		30
Vinyl chloride	90		86		70-130	5		30
Chloroethane	75		91		70-130	19		30
1,1-Dichloroethene	99		91		70-130	8		30
trans-1,2-Dichloroethene	91		89		70-130	2		30
Trichloroethene	96		94		70-130	2		30
1,2-Dichlorobenzene	102		101		70-130	1		30
1,3-Dichlorobenzene	102		103		70-130	1		30
1,4-Dichlorobenzene	97		100		70-130	3		30
Methyl tert butyl ether	80		76		70-130	5		30
p/m-Xylene	102		98		70-130	4		30
o-Xylene	104		102		70-130	2		30
cis-1,2-Dichloroethene	116		111		70-130	4		30
Dibromomethane	114		116		70-130	2		30
1,2,3-Trichloropropane	83		87		70-130	5		30
Styrene	108		103		70-130	5		30
Dichlorodifluoromethane	87		81		36-147	7		30
Acetone	94		84		58-148	11		30
Carbon disulfide	75		72		51-130	4		30
2-Butanone	102		99		63-138	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG628541-1 WG628541-2								
4-Methyl-2-pentanone	96		100		59-130	4		30
2-Hexanone	86		85		57-130	1		30
Acrylonitrile	114		113		70-130	1		30
Tetrahydrofuran	109		108		70-130	1		30
2,2-Dichloropropane	100		98		63-133	2		30
1,2-Dibromoethane	94		92		70-130	2		30
1,3-Dichloropropane	90		89		70-130	1		30
1,1,1,2-Tetrachloroethane	92		90		70-130	2		30
Bromobenzene	94		96		70-130	2		30
n-Butylbenzene	84		85		70-130	1		30
sec-Butylbenzene	83		83		70-130	0		30
tert-Butylbenzene	83		85		70-130	2		30
o-Chlorotoluene	86		88		70-130	2		30
p-Chlorotoluene	86		87		70-130	1		30
1,2-Dibromo-3-chloropropane	78		71		41-144	9		30
Hexachlorobutadiene	94		98		70-130	4		30
Isopropylbenzene	84		84		70-130	0		30
p-Isopropyltoluene	90		90		70-130	0		30
Naphthalene	97		103		70-130	6		30
n-Propylbenzene	83		82		70-130	1		30
1,2,3-Trichlorobenzene	106		109		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG628541-1 WG628541-2								
1,2,4-Trichlorobenzene	94		98		70-130	4		30
1,3,5-Trimethylbenzene	85		84		70-130	1		30
1,2,4-Trimethylbenzene	86		86		70-130	0		30
trans-1,4-Dichloro-2-butene	72		80		70-130	11		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		98		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	94		92		70-130
4-Bromofluorobenzene	81		83		70-130
Dibromofluoromethane	122		121		70-130

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1315064
Report Date: 08/14/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1315064-01A	Vial HCl preserved	A	N/A	2.9	Y	Absent	CT-8260(14)
L1315064-01B	Vial HCl preserved	A	N/A	2.9	Y	Absent	CT-8260(14)
L1315064-01C	Vial HCl preserved	A	N/A	2.9	Y	Absent	CT-8260(14)

*Values in parentheses indicate holding time in days

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1315064

Project Number: 97001.01 **Report Date:** 08/14/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1315064
Project Number: 97001.01 **Report Date:** 08/14/13

REFERENCES

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised July 2, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330, 8082A, EPA 3510C, 5030B, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm

9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

1 of 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 8/7/13

ALPHA Job #: L1315064

Client Information

Client: Woodard + Curran
Address: 1570 Highland Ave
Cheshire CT 06410
Phone: 203 271 0379
Fax: 203 271 2952
Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Risdon
Project Location: Danbury CT
Project #: 97001.01
Project Manager: Cathy Rockwell
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/14/13 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

ANALYSIS: CT 8260B

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	CT 8260B	Sample Specific Comments	TOTAL # BOTTLES
15064.1	Effluent	7/31/13	1446	Gw	WCD	3		

Container Type	V
Preservative	B

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
WCD	8/7/13 8:00	T. Hunter	8/7/13 1205
T. Hunter	8/7/13 1440	Richard Scott	8/7/13 1740

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1317659
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001.01
Report Date:	09/13/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1317659
Report Date: 09/13/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1317659-01	EFFLUENT	DANBURY, CT	08/29/13 16:10

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1317659
Report Date: 09/13/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1317659
Report Date: 09/13/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	RISDON	**Lab Number:**	L1317659
Project Number:	97001.01	**Report Date:**	09/13/13

Case Narrative (continued)

RCP Related Narratives

Volatile Organics

In reference to question 5b:

L1317659-01: One or more of the target analytes did not achieve the requested regulatory limits.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative

Date: 09/13/13

ORGANICS

VOLATILES

Project Name: RISDON **Lab Number:** L1317659

Project Number: 97001.01 **Report Date:** 09/13/13

SAMPLE RESULTS

Lab ID:	L1317659-01	Date Collected:	08/29/13 16:10
Client ID:	EFFLUENT	Date Received:	09/10/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	09/12/13 08:06		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.5	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1

Project Name: RISDON **Lab Number:** L1317659

Project Number: 97001.01 **Report Date:** 09/13/13

SAMPLE RESULTS

Lab ID: L1317659-01 Date Collected: 08/29/13 16:10

Client ID: EFFLUENT Date Received: 09/10/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.0	--	1
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylene (Total)	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	5.0	--	1
1,2,3-Trichloropropane	ND		ug/l	5.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Acrylonitrile	ND		ug/l	5.0	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.5	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	2.5	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	2.5	--	1
o-Chlorotoluene	ND		ug/l	2.5	--	1
p-Chlorotoluene	ND		ug/l	2.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	2.5	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.0	--	1

Project Name: RISDON **Lab Number:** L1317659

Project Number: 97001.01 **Report Date:** 09/13/13

SAMPLE RESULTS

Lab ID:	L1317659-01	Date Collected:	08/29/13 16:10
Client ID:	EFFLUENT	Date Received:	09/10/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	93		70-130

Project Name: RISDON **Lab Number:** L1317659

Project Number: 97001.01 **Report Date:** 09/13/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 09/12/13 07:01
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG635770-3					
Methylene chloride	ND		ug/l	5.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	2.5	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--

Project Name: RISDON **Lab Number:** L1317659

Project Number: 97001.01 **Report Date:** 09/13/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 09/12/13 07:01
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG635770-3					
Methyl tert butyl ether	ND		ug/l	1.0	--
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylene (Total)	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	5.0	--
1,2,3-Trichloropropane	ND		ug/l	5.0	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Acrylonitrile	ND		ug/l	5.0	--
Tetrahydrofuran	ND		ug/l	5.0	--
2,2-Dichloropropane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,3-Dichloropropane	ND		ug/l	2.5	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	2.5	--
n-Butylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	2.5	--
o-Chlorotoluene	ND		ug/l	2.5	--
p-Chlorotoluene	ND		ug/l	2.5	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Hexachlorobutadiene	ND		ug/l	0.60	--
Isopropylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	2.5	--

Project Name: RISDON **Lab Number:** L1317659

Project Number: 97001.01 **Report Date:** 09/13/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 09/12/13 07:01
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG635770-3					
n-Propylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
1,3,5-Trimethylbenzene	ND		ug/l	2.5	--
1,2,4-Trimethylbenzene	ND		ug/l	2.5	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1317659
Report Date: 09/13/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG635770-1 WG635770-2								
Methylene chloride	90		88		70-130	2		30
1,1-Dichloroethane	91		92		70-130	1		30
Chloroform	84		88		70-130	5		30
Carbon tetrachloride	78		80		70-130	3		30
1,2-Dichloropropane	94		92		70-130	2		30
Dibromochloromethane	82		82		70-130	0		30
1,1,2-Trichloroethane	85		90		70-130	6		30
Tetrachloroethene	91		90		70-130	1		30
Chlorobenzene	94		92		70-130	2		30
Trichlorofluoromethane	80		79		70-130	1		30
1,2-Dichloroethane	84		83		70-130	1		30
1,1,1-Trichloroethane	85		86		70-130	1		30
Bromodichloromethane	84		86		70-130	2		30
trans-1,3-Dichloropropene	84		84		70-130	0		30
cis-1,3-Dichloropropene	86		87		70-130	1		30
1,1-Dichloropropene	89		87		70-130	2		30
Bromoform	80		86		54-136	7		30
1,1,2,2-Tetrachloroethane	84		89		70-130	6		30
Benzene	94		94		70-130	0		30
Toluene	95		93		70-130	2		30
Ethylbenzene	94		93		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1317659
Report Date: 09/13/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG635770-1 WG635770-2								
Chloromethane	88		86		64-130	2		30
Bromomethane	65		62		39-139	5		30
Vinyl chloride	87		86		70-130	1		30
Chloroethane	89		89		70-130	0		30
1,1-Dichloroethene	84		83		70-130	1		30
trans-1,2-Dichloroethene	90		89		70-130	1		30
Trichloroethene	92		92		70-130	0		30
1,2-Dichlorobenzene	92		95		70-130	3		30
1,3-Dichlorobenzene	95		98		70-130	3		30
1,4-Dichlorobenzene	93		96		70-130	3		30
Methyl tert butyl ether	82		80		70-130	2		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	95		93		70-130	2		30
cis-1,2-Dichloroethene	92		90		70-130	2		30
Dibromomethane	80		82		70-130	2		30
1,2,3-Trichloropropane	86		90		70-130	5		30
Styrene	95		94		70-130	1		30
Dichlorodifluoromethane	77		76		36-147	1		30
Acetone	88		90		58-148	2		30
Carbon disulfide	85		86		51-130	1		30
2-Butanone	78		69		63-138	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1317659
Report Date: 09/13/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG635770-1 WG635770-2								
4-Methyl-2-pentanone	79		83		59-130	5		30
2-Hexanone	80		79		57-130	1		30
Acrylonitrile	86		86		70-130	0		30
Tetrahydrofuran	81		80		70-130	1		30
2,2-Dichloropropane	82		83		63-133	1		30
1,2-Dibromoethane	84		84		70-130	0		30
1,3-Dichloropropane	88		90		70-130	2		30
1,1,1,2-Tetrachloroethane	89		87		70-130	2		30
Bromobenzene	95		94		70-130	1		30
n-Butylbenzene	101		106		70-130	5		30
sec-Butylbenzene	96		100		70-130	4		30
tert-Butylbenzene	97		100		70-130	3		30
o-Chlorotoluene	97		100		70-130	3		30
p-Chlorotoluene	94		97		70-130	3		30
1,2-Dibromo-3-chloropropane	63		70		41-144	11		30
Hexachlorobutadiene	116		121		70-130	4		30
Isopropylbenzene	96		100		70-130	4		30
p-Isopropyltoluene	101		103		70-130	2		30
Naphthalene	73		77		70-130	5		30
n-Propylbenzene	97		100		70-130	3		30
1,2,3-Trichlorobenzene	81		87		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01
Lab Number: L1317659
Report Date: 09/13/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG635770-1 WG635770-2								
1,2,4-Trichlorobenzene	89		92		70-130	3		30
1,3,5-Trimethylbenzene	97		100		70-130	3		30
1,2,4-Trimethylbenzene	97		101		70-130	4		30
trans-1,4-Dichloro-2-butene	**67**	Q	**69**	Q	70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	80		77		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		85		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	99		105		70-130
Dibromofluoromethane	94		94		70-130

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1317659
Report Date: 09/13/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1317659-01A	Vial HCl preserved	A	N/A	4	Y	Absent	CT-8260(14)
L1317659-01B	Vial HCl preserved	A	N/A	4	Y	Absent	CT-8260(14)
L1317659-01C	Vial HCl preserved	A	N/A	4	Y	Absent	CT-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	RISDON	**Lab Number:**	L1317659
Project Number:	97001.01	**Report Date:**	09/13/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1317659

Project Number: 97001.01 **Report Date:** 09/13/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1317659
Project Number: 97001.01 **Report Date:** 09/13/13

REFERENCES

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 29, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330, 8082A, EPA 3510C, 5030B, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S2¯D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm

9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

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ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/10/13

ALPHA Job #: L1317659

Client Information

Client: Woodard + Curran
Address: 40 Shattuck Rd Suite 110 Andover MA 01810
Phone: 978 557 8150
Fax: 978 557 7948
Email:

☑ These samples have been previously analyzed by Alpha

Project Information

Project Name: Risdon
Project Location: Danbury CT
Project #: 97001.01
Project Manager: Cathy Rockwell
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 9/17/13 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria: CT RSRs

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☑ No Are MCP Analytical Methods Required?
☐ Yes ☑ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☑ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

ANALYSIS: CT 8260B

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	CT 8260B	Sample Specific Comments	TOTAL # BOTTLES
176591	Effluent	8/29/13	1610	GW	WCD	3		
							Please keep hold time!	

Container Type	V												
Preservative	B												

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
MOM	9/10/13 1335	T. Huddleston	9/10/13 1335
T. Huddleston	9/10/13 1650	Richard Scott	9/10/13 1650

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1318940
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001.01
Report Date:	10/02/13

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1318940-01	EFFLUENT	DANBURY, CT	09/25/13 09:35
L1318940-02	INFLUENT	DANBURY, CT	09/25/13 09:45

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	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?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: RISDON **Lab Number:** L1318940
Project Number: 97001.01 **Report Date:** 10/02/13

Case Narrative (continued)

RCP Related Narratives

Volatile Organics

In reference to question 5b:

L1318940-01 and -02: One or more of the target analytes did not achieve the requested regulatory limits.

Total Metals

L1318940-01 and -02: The Effluent results are greater than the Influent results for copper, lead and zinc. The sample containers were verified as being labeled correctly by the laboratory, and the reported results were confirmed by the screen analysis results.

In reference to question 6:

At the client's request, all submitted samples were not analyzed for the full RCP list of constituents identified in the method specific analyte list presented in the RCP documents.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 10/02/13

ORGANICS

VOLATILES

Project Name: RISDON
Project Number: 97001.01
Lab Number: L1318940
Report Date: 10/02/13

SAMPLE RESULTS

Lab ID:	L1318940-01	Date Collected:	09/25/13 09:35
Client ID:	EFFLUENT	Date Received:	09/25/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/02/13 08:20		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	ND		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

SAMPLE RESULTS

Lab ID: L1318940-01 Date Collected: 09/25/13 09:35

Client ID: EFFLUENT Date Received: 09/25/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

SAMPLE RESULTS

Lab ID:	L1318940-01	Date Collected:	09/25/13 09:35
Client ID:	EFFLUENT	Date Received:	09/25/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

CT RCP Volatile Organics - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

SAMPLE RESULTS

Lab ID:	L1318940-02	D	Date Collected:	09/25/13 09:45
Client ID:	INFLUENT		Date Received:	09/25/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/02/13 09:26			
Analyst:	MM			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	250	--	50
1,1-Dichloroethane	ND		ug/l	37.5	--	50
Chloroform	ND		ug/l	37.5	--	50
Carbon tetrachloride	ND		ug/l	25.0	--	50
1,2-Dichloropropane	ND		ug/l	87.5	--	50
Dibromochloromethane	ND		ug/l	25.0	--	50
1,1,2-Trichloroethane	ND		ug/l	37.5	--	50
Tetrachloroethene	75.0		ug/l	25.0	--	50
Chlorobenzene	ND		ug/l	25.0	--	50
Trichlorofluoromethane	ND		ug/l	125	--	50
1,2-Dichloroethane	ND		ug/l	25.0	--	50
1,1,1-Trichloroethane	3680		ug/l	25.0	--	50
Bromodichloromethane	ND		ug/l	25.0	--	50
trans-1,3-Dichloropropene	ND		ug/l	25.0	--	50
cis-1,3-Dichloropropene	ND		ug/l	25.0	--	50
1,1-Dichloropropene	ND		ug/l	125	--	50
Bromoform	ND		ug/l	100	--	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25.0	--	50
Benzene	ND		ug/l	25.0	--	50
Toluene	ND		ug/l	37.5	--	50
Ethylbenzene	ND		ug/l	25.0	--	50
Chloromethane	ND		ug/l	125	--	50
Bromomethane	ND		ug/l	50.0	--	50
Vinyl chloride	ND		ug/l	50.0	--	50
Chloroethane	ND		ug/l	50.0	--	50
1,1-Dichloroethene	386.		ug/l	25.0	--	50
trans-1,2-Dichloroethene	ND		ug/l	37.5	--	50
Trichloroethene	2880		ug/l	25.0	--	50
1,2-Dichlorobenzene	ND		ug/l	125	--	50
1,3-Dichlorobenzene	ND		ug/l	125	--	50
1,4-Dichlorobenzene	ND		ug/l	125	--	50

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

SAMPLE RESULTS

Lab ID: L1318940-02 D Date Collected: 09/25/13 09:45

Client ID: INFLUENT Date Received: 09/25/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	50.0	--	50
p/m-Xylene	ND		ug/l	50.0	--	50
o-Xylene	ND		ug/l	50.0	--	50
Xylene (Total)	ND		ug/l	50.0	--	50
cis-1,2-Dichloroethene	ND		ug/l	25.0	--	50
Dibromomethane	ND		ug/l	250	--	50
1,2,3-Trichloropropane	ND		ug/l	250	--	50
Styrene	ND		ug/l	50.0	--	50
Dichlorodifluoromethane	ND		ug/l	250	--	50
Acetone	ND		ug/l	250	--	50
Carbon disulfide	ND		ug/l	250	--	50
2-Butanone	ND		ug/l	250	--	50
4-Methyl-2-pentanone	ND		ug/l	250	--	50
2-Hexanone	ND		ug/l	250	--	50
Acrylonitrile	ND		ug/l	250	--	50
Tetrahydrofuran	ND		ug/l	250	--	50
2,2-Dichloropropane	ND		ug/l	125	--	50
1,2-Dibromoethane	ND		ug/l	100	--	50
1,3-Dichloropropane	ND		ug/l	125	--	50
1,1,1,2-Tetrachloroethane	ND		ug/l	25.0	--	50
Bromobenzene	ND		ug/l	125	--	50
n-Butylbenzene	ND		ug/l	25.0	--	50
sec-Butylbenzene	ND		ug/l	25.0	--	50
tert-Butylbenzene	ND		ug/l	125	--	50
o-Chlorotoluene	ND		ug/l	125	--	50
p-Chlorotoluene	ND		ug/l	125	--	50
1,2-Dibromo-3-chloropropane	ND		ug/l	125	--	50
Hexachlorobutadiene	ND		ug/l	30.0	--	50
Isopropylbenzene	ND		ug/l	25.0	--	50
p-Isopropyltoluene	ND		ug/l	25.0	--	50
Naphthalene	ND		ug/l	125	--	50
n-Propylbenzene	ND		ug/l	25.0	--	50
1,2,3-Trichlorobenzene	ND		ug/l	125	--	50
1,2,4-Trichlorobenzene	ND		ug/l	125	--	50
1,3,5-Trimethylbenzene	ND		ug/l	125	--	50
1,2,4-Trimethylbenzene	ND		ug/l	125	--	50
trans-1,4-Dichloro-2-butene	ND		ug/l	125	--	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	100	--	50

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

SAMPLE RESULTS

Lab ID:	L1318940-02	D	Date Collected:	09/25/13 09:45
Client ID:	INFLUENT		Date Received:	09/25/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/02/13 07:15
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-02 Batch: WG640607-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/02/13 07:15
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-02 Batch: WG640607-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/02/13 07:15
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-02 Batch: WG640607-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02 Batch: WG640607-1 WG640607-2								
Methylene chloride	87		89		70-130	2		30
1,1-Dichloroethane	85		87		70-130	2		30
Chloroform	86		87		70-130	1		30
Carbon tetrachloride	79		86		70-130	8		30
1,2-Dichloropropane	84		88		70-130	5		30
Dibromochloromethane	79		85		70-130	7		30
1,1,2-Trichloroethane	88		90		70-130	2		30
Tetrachloroethene	80		90		70-130	12		30
Chlorobenzene	84		88		70-130	5		30
Trichlorofluoromethane	81		86		70-130	6		30
1,2-Dichloroethane	89		88		70-130	1		30
1,1,1-Trichloroethane	82		86		70-130	5		30
Bromodichloromethane	86		90		70-130	5		30
trans-1,3-Dichloropropene	82		87		70-130	6		30
cis-1,3-Dichloropropene	87		88		70-130	1		30
1,1-Dichloropropene	80		82		70-130	2		30
Bromoform	99		91		54-136	8		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	86		86		70-130	0		30
Toluene	84		89		70-130	6		30
Ethylbenzene	82		89		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02 Batch: WG640607-1 WG640607-2								
Chloromethane	76		88		64-130	15		30
Bromomethane	91		92		39-139	1		30
Vinyl chloride	80		83		70-130	4		30
Chloroethane	86		87		70-130	1		30
1,1-Dichloroethene	84		90		70-130	7		30
trans-1,2-Dichloroethene	86		89		70-130	3		30
Trichloroethene	82		83		70-130	1		30
1,2-Dichlorobenzene	87		86		70-130	1		30
1,3-Dichlorobenzene	87		88		70-130	1		30
1,4-Dichlorobenzene	86		85		70-130	1		30
Methyl tert butyl ether	88		90		70-130	2		30
p/m-Xylene	86		92		70-130	7		30
o-Xylene	85		92		70-130	8		30
cis-1,2-Dichloroethene	87		90		70-130	3		30
Dibromomethane	94		91		70-130	3		30
1,2,3-Trichloropropane	96		97		70-130	1		30
Styrene	88		93		70-130	6		30
Dichlorodifluoromethane	76		86		36-147	12		30
Acetone	78		70		58-148	11		30
Carbon disulfide	86		90		51-130	5		30
2-Butanone	77		70		63-138	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02 Batch: WG640607-1 WG640607-2								
4-Methyl-2-pentanone	96		94		59-130	2		30
2-Hexanone	75		71		57-130	5		30
Acrylonitrile	95		98		70-130	3		30
Tetrahydrofuran	106		102		70-130	4		30
2,2-Dichloropropane	86		89		63-133	3		30
1,2-Dibromoethane	87		90		70-130	3		30
1,3-Dichloropropane	86		91		70-130	6		30
1,1,1,2-Tetrachloroethane	83		90		70-130	8		30
Bromobenzene	86		86		70-130	0		30
n-Butylbenzene	91		90		70-130	1		30
sec-Butylbenzene	86		86		70-130	0		30
tert-Butylbenzene	86		88		70-130	2		30
o-Chlorotoluene	88		88		70-130	0		30
p-Chlorotoluene	88		88		70-130	0		30
1,2-Dibromo-3-chloropropane	101		101		41-144	0		30
Hexachlorobutadiene	94		92		70-130	2		30
Isopropylbenzene	86		87		70-130	1		30
p-Isopropyltoluene	89		90		70-130	1		30
Naphthalene	90		89		70-130	1		30
n-Propylbenzene	88		88		70-130	0		30
1,2,3-Trichlorobenzene	89		87		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01
Lab Number: L1318940
Report Date: 10/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02 Batch: WG640607-1 WG640607-2								
1,2,4-Trichlorobenzene	90		88		70-130	2		30
1,3,5-Trimethylbenzene	89		88		70-130	1		30
1,2,4-Trimethylbenzene	88		88		70-130	0		30
trans-1,4-Dichloro-2-butene	95		96		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	81		89		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	103		99		70-130

METALS

Project Name:	RISDON	**Lab Number:**	L1318940
Project Number:	97001.01	**Report Date:**	10/02/13

SAMPLE RESULTS

Lab ID:	L1318940-01	Date Collected:	09/25/13 09:35
Client ID:	EFFLUENT	Date Received:	09/25/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:47	EPA 3005A	77,6020A	AK
Arsenic, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:47	EPA 3005A	77,6020A	AK
Beryllium, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:47	EPA 3005A	77,6020A	AK
Cadmium, Total	ND		mg/l	0.005	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG
Chromium, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG
Copper, Total	0.478		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG
Lead, Total	0.045		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG
Mercury, Total	ND		mg/l	0.0002	--	1	09/28/13 09:30	09/30/13 15:52	EPA 7470A	77,7470A	MC
Nickel, Total	ND		mg/l	0.025	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG
Selenium, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG
Silver, Total	ND		mg/l	0.007	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG
Thallium, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:47	EPA 3005A	77,6020A	AK
Zinc, Total	0.165		mg/l	0.050	--	1	09/27/13 07:32	09/27/13 19:16	EPA 3005A	77,6010C	MG

Project Name:	RISDON	**Lab Number:**	L1318940
Project Number:	97001.01	**Report Date:**	10/02/13

SAMPLE RESULTS

Lab ID:	L1318940-02	Date Collected:	09/25/13 09:45
Client ID:	INFLUENT	Date Received:	09/25/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:51	EPA 3005A	77,6020A	AK
Arsenic, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:51	EPA 3005A	77,6020A	AK
Beryllium, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:51	EPA 3005A	77,6020A	AK
Cadmium, Total	ND		mg/l	0.005	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG
Chromium, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG
Copper, Total	0.044		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG
Lead, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG
Mercury, Total	ND		mg/l	0.0002	--	1	09/28/13 09:30	09/30/13 15:54	EPA 7470A	77,7470A	MC
Nickel, Total	ND		mg/l	0.025	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG
Selenium, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG
Silver, Total	ND		mg/l	0.007	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG
Thallium, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:51	EPA 3005A	77,6020A	AK
Zinc, Total	ND		mg/l	0.050	--	1	09/27/13 07:32	09/27/13 19:20	EPA 3005A	77,6010C	MG

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG639453-1										
Cadmium, Total	ND		mg/l	0.005	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG
Chromium, Total	ND		mg/l	0.01	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG
Copper, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG
Lead, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG
Nickel, Total	ND		mg/l	0.025	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG
Selenium, Total	ND		mg/l	0.010	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG
Silver, Total	ND		mg/l	0.007	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG
Zinc, Total	ND		mg/l	0.050	--	1	09/27/13 07:32	09/27/13 19:02	77,6010C	MG

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG639455-1										
Antimony, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:19	77,6020A	AK
Arsenic, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:19	77,6020A	AK
Beryllium, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:19	77,6020A	AK
Thallium, Total	ND		mg/l	0.0005	--	1	09/27/13 07:32	09/27/13 15:19	77,6020A	AK

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG639790-1										
Mercury, Total	ND		mg/l	0.0002	--	1	09/28/13 09:30	09/30/13 15:44	77,7470A	MC

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG639453-2								
Cadmium, Total	107		-		80-120	-		20
Chromium, Total	100		-		80-120	-		20
Copper, Total	99		-		80-120	-		20
Lead, Total	106		-		80-120	-		20
Nickel, Total	100		-		80-120	-		20
Selenium, Total	114		-		80-120	-		20
Silver, Total	100		-		80-120	-		20
Zinc, Total	103		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG639455-2								
Antimony, Total	87		-		80-120	-		20
Arsenic, Total	94		-		80-120	-		20
Beryllium, Total	96		-		80-120	-		20
Thallium, Total	102		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG639790-2								
Mercury, Total	98		-		80-120	-		20

INORGANICS
&
MISCELLANEOUS

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

SAMPLE RESULTS

Lab ID: L1318940-01
Client ID: EFFLUENT
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 09:35
Date Received: 09/25/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Amenable	ND		mg/l	0.010	--	2	09/26/13 12:57	09/26/13 16:57	1,9010B	DG
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.0050	--	1	09/26/13 12:55	09/26/13 17:06	77,9014	JO
Chromium, Hexavalent	ND		mg/l	0.01	--	1	09/25/13 18:20	09/25/13 18:45	77,7196A	EL

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

SAMPLE RESULTS

Lab ID: L1318940-02
Client ID: INFLUENT
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 09:45
Date Received: 09/25/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Amenable	ND		mg/l	0.010	--	2	09/26/13 12:57	09/26/13 16:57	1,9010B	DG
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	0.008		mg/l	0.005	--	1	09/26/13 12:55	09/26/13 17:08	77,9014	JO
Chromium, Hexavalent	ND		mg/l	0.01	--	1	09/25/13 18:20	09/25/13 18:45	77,7196A	EL

Project Name: RISDON **Lab Number:** L1318940

Project Number: 97001.01 **Report Date:** 10/02/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG639047-1										
Chromium, Hexavalent	ND		mg/l	0.01	--	1	09/25/13 18:20	09/25/13 18:42	77,7196A	EL
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG639221-1										
Cyanide, Amenable	ND		mg/l	0.010	--	2	09/26/13 12:57	09/26/13 16:57	1,9010B	DG
CT RCP General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG639223-1										
Cyanide, Total	ND		mg/l	0.005	--	1	09/26/13 12:55	09/26/13 17:00	77,9014	JO

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG639047-2 WG639047-3								
Chromium, Hexavalent	101		105		80-120	4		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG639221-2								
Cyanide, Amenable	100		-			-		
CT RCP General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG639223-2 WG639223-3								
Cyanide, Total	101		103		80-120	2		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG639221-3 QC Sample: L1318940-01 Client ID: EFFLUENT						
Cyanide, Amenable	ND	ND	mg/l	NC		

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1318940
Report Date: 10/02/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1318940-01A	Vial HCl preserved	A	N/A	3.6	Y	Absent	CT-8260(14)
L1318940-01B	Vial HCl preserved	A	N/A	3.6	Y	Absent	CT-8260(14)
L1318940-01C	Vial HCl preserved	A	N/A	3.6	Y	Absent	CT-8260(14)
L1318940-01D	Plastic 250ml HNO3 preserved	A	<2	3.6	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1318940-01E	Plastic 500ml NaOH preserved	A	>12	3.6	Y	Absent	CT-TCN-9014(14),ACN-9010(14)
L1318940-01F	Plastic 500ml unpreserved	A	7	3.6	Y	Absent	CT-HEXCR-7196(1)
L1318940-02A	Vial HCl preserved	A	N/A	3.6	Y	Absent	CT-8260(14)
L1318940-02B	Vial HCl preserved	A	N/A	3.6	Y	Absent	CT-8260(14)
L1318940-02C	Vial HCl preserved	A	N/A	3.6	Y	Absent	CT-8260(14)
L1318940-02D	Plastic 250ml HNO3 preserved	A	<2	3.6	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1318940-02E	Plastic 500ml NaOH preserved	A	>12	3.6	Y	Absent	CT-TCN-9014(14),ACN-9010(14)
L1318940-02F	Plastic 500ml unpreserved	A	7	3.6	Y	Absent	CT-HEXCR-7196(1)

*Values in parentheses indicate holding time in days

Project Name:	RISDON	**Lab Number:**	L1318940
Project Number:	97001.01	**Report Date:**	10/02/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name:	RISDON	**Lab Number:**	L1318940
Project Number:	97001.01	**Report Date:**	10/02/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1318940
Project Number: 97001.01 **Report Date:** 10/02/13

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised October 1, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310C, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, 4500SO4-E, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 5030C, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5030C, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330A, 8082A, EPA 3510C, 5030B, 5030C, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330A, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S^{2-}D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C,

4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm 9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
World Class Chemistry
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220
320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 9/25/13

ALPHA Job #: L1318940

Project Information

Project Name: Risdon
Project Location: Danbury CT
Project #: 97001.01
Project Manager: Cathy Rockwell
ALPHA Quote #:

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☑ Same as Client info PO #:

Client Information

Client: Woodard + Curran
Address: 40 Shattuck Rd. Suite 110
Andover MA 01810
Phone: 978 557 8150
Email: 978 557

Regulatory Requirements & Project Information Requirements

☐ Yes ☑ No MA MCP Analytical Methods
☑ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☑ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☑ Other State /Fed Program CT RSR Criteria

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10/2/13

Additional Project Information:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC: ☐ 8260 ☐ 624 ☐ 524.2	SVOC: ☐ ABN ☐ PAH	METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15	METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13	EPH: ☐ Ranges & Targets ☐ Ranges Only	VPH: ☐ Ranges & Targets ☐ Ranges Only	☐ PCB ☐ PEST	TPH: ☐ Quant Only ☐ Fingerprint	CT 8260B	PP13 Metals	Total and Amenable Cyanide	Hexavalent Chromium		Sample Comments	TOTAL # BOTTLES
149440 ~ 1	Effluent	9/25/13	935	GW	WCD									3	1	1		1		
2	Influent	9/25/13	945	GW	WCD									3	1	1		1		
Container Type														✓	P	P		P		
Preservative														B	C	E		A		

SAMPLE INFO
Filtration
☐ Field
☐ Lab to do
Preservation
☐ Lab to do

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H= $Na_2S_2O_3$
I= Ascorbic Acid
J= NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
Pat Welch	9/25/13 1305	Pat Welch	9/25/13 1000
			9/25/13 1305

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

ANALYTICAL REPORT

Lab Number:	L1322436
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001.01/31
Report Date:	11/12/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001.01/31

Lab Number: L1322436
Report Date: 11/12/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1322436-01	EFFLUENT	DANBURY, CT	10/31/13 07:00

Project Name: RISDON
Project Number: 97001.01/31

Lab Number: L1322436
Report Date: 11/12/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON
Project Number: 97001.01/31

Lab Number: L1322436
Report Date: 11/12/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	RISDON	**Lab Number:**	L1322436
Project Number:	97001.01/31	**Report Date:**	11/12/13

Case Narrative (continued)

RCP Related Narratives

Volatile Organics

In reference to question 5b:

One or more of the target analytes did not achieve the requested regulatory limits.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative

Date: 11/12/13

ORGANICS

VOLATILES

Project Name: RISDON **Lab Number:** L1322436

Project Number: 97001.01/31 **Report Date:** 11/12/13

SAMPLE RESULTS

Lab ID:	L1322436-01	Date Collected:	10/31/13 07:00
Client ID:	EFFLUENT	Date Received:	11/06/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	11/12/13 12:39		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	ND		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1322436

Project Number: 97001.01/31 **Report Date:** 11/12/13

SAMPLE RESULTS

Lab ID: L1322436-01 Date Collected: 10/31/13 07:00

Client ID: EFFLUENT Date Received: 11/06/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1322436

Project Number: 97001.01/31 **Report Date:** 11/12/13

SAMPLE RESULTS

Lab ID:	L1322436-01	Date Collected:	10/31/13 07:00
Client ID:	EFFLUENT	Date Received:	11/06/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

CT RCP Volatile Organics - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	109		70-130

Project Name: RISDON **Lab Number:** L1322436

Project Number: 97001.01/31 **Report Date:** 11/12/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 11/12/13 05:53
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG651021-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1322436

Project Number: 97001.01/31 **Report Date:** 11/12/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 11/12/13 05:53
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG651021-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1322436

Project Number: 97001.01/31 **Report Date:** 11/12/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 11/12/13 05:53
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG651021-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01/31

Lab Number: L1322436
Report Date: 11/12/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG651021-1 WG651021-2								
Methylene chloride	88		116		70-130	27		30
1,1-Dichloroethane	93		116		70-130	22		30
Chloroform	93		104		70-130	11		30
Carbon tetrachloride	92		101		70-130	9		30
1,2-Dichloropropane	89		102		70-130	14		30
Dibromochloromethane	93		99		70-130	6		30
1,1,2-Trichloroethane	99		104		70-130	5		30
Tetrachloroethene	112		106		70-130	6		30
Chlorobenzene	106		107		70-130	1		30
Trichlorofluoromethane	101		109		70-130	8		30
1,2-Dichloroethane	91		106		70-130	15		30
1,1,1-Trichloroethane	91		104		70-130	13		30
Bromodichloromethane	89		105		70-130	16		30
trans-1,3-Dichloropropene	97		102		70-130	5		30
cis-1,3-Dichloropropene	89		102		70-130	14		30
1,1-Dichloropropene	96		104		70-130	8		30
Bromoform	93		98		54-136	5		30
1,1,2,2-Tetrachloroethane	96		108		70-130	12		30
Benzene	91		103		70-130	12		30
Toluene	103		101		70-130	2		30
Ethylbenzene	105		105		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01/31

Lab Number: L1322436
Report Date: 11/12/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG651021-1 WG651021-2								
Chloromethane	108		115		64-130	6		30
Bromomethane	91		111		39-139	20		30
Vinyl chloride	88		99		70-130	12		30
Chloroethane	95		114		70-130	18		30
1,1-Dichloroethene	95		106		70-130	11		30
trans-1,2-Dichloroethene	101		112		70-130	10		30
Trichloroethene	98		105		70-130	7		30
1,2-Dichlorobenzene	107		110		70-130	3		30
1,3-Dichlorobenzene	107		109		70-130	2		30
1,4-Dichlorobenzene	106		108		70-130	2		30
Methyl tert butyl ether	90		106		70-130	16		30
p/m-Xylene	106		105		70-130	1		30
o-Xylene	106		106		70-130	0		30
cis-1,2-Dichloroethene	95		106		70-130	11		30
Dibromomethane	88		106		70-130	19		30
1,2,3-Trichloropropane	102		111		70-130	8		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	102		108		36-147	6		30
Acetone	130		123		58-148	6		30
Carbon disulfide	91		102		51-130	11		30
2-Butanone	119		126		63-138	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01/31

Lab Number: L1322436
Report Date: 11/12/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG651021-1 WG651021-2								
4-Methyl-2-pentanone	84		107		59-130	24		30
2-Hexanone	124		112		57-130	10		30
Acrylonitrile	86		114		70-130	28		30
Tetrahydrofuran	84		110		70-130	27		30
2,2-Dichloropropane	99		107		63-133	8		30
1,2-Dibromoethane	100		106		70-130	6		30
1,3-Dichloropropane	99		107		70-130	8		30
1,1,1,2-Tetrachloroethane	96		102		70-130	6		30
Bromobenzene	103		110		70-130	7		30
n-Butylbenzene	108		112		70-130	4		30
sec-Butylbenzene	106		108		70-130	2		30
tert-Butylbenzene	108		108		70-130	0		30
o-Chlorotoluene	107		110		70-130	3		30
p-Chlorotoluene	108		107		70-130	1		30
1,2-Dibromo-3-chloropropane	93		107		41-144	14		30
Hexachlorobutadiene	96		91		70-130	5		30
Isopropylbenzene	106		108		70-130	2		30
p-Isopropyltoluene	106		108		70-130	2		30
Naphthalene	96		105		70-130	9		30
n-Propylbenzene	107		109		70-130	2		30
1,2,3-Trichlorobenzene	100		105		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01/31
Lab Number: L1322436
Report Date: 11/12/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG651021-1 WG651021-2								
1,2,4-Trichlorobenzene	103		108		70-130	5		30
1,3,5-Trimethylbenzene	108		110		70-130	2		30
1,2,4-Trimethylbenzene	103		107		70-130	4		30
trans-1,4-Dichloro-2-butene	90		105		70-130	15		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	108		111		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		101		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	88		100		70-130

Project Name: RISDON
Project Number: 97001.01/31

Lab Number: L1322436
Report Date: 11/12/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1322436-01A	Vial HCl preserved	A	N/A	4.2	Y	Absent	CT-8260(14)
L1322436-01B	Vial HCl preserved	A	N/A	4.2	Y	Absent	CT-8260(14)
L1322436-01C	Vial HCl preserved	A	N/A	4.2	Y	Absent	CT-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	RISDON	**Lab Number:**	L1322436
Project Number:	97001.01/31	**Report Date:**	11/12/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name:	RISDON	**Lab Number:**	L1322436
Project Number:	97001.01/31	**Report Date:**	11/12/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1322436
Project Number: 97001.01/31 **Report Date:** 11/12/13

REFERENCES

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised November 12, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310C, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, 4500SO4-E, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 5030C, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5030C, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330A, 8082A, EPA 3510C, 5030B, 5030C, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330A, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S^{2-}D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C,

4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm 9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease. **EPA 9060** in a soil matrix.

Serial No:11121316:55
L322436

ALPHA

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CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Woodard & Curran
1590 Highland Ave
Cheshire CT 06410
Telephone #: 203 271 0279
Project Mgr. Cathy Rockwell

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 97001.01/31
Site Name: Risdon
Location: Danbury State: CT
Sampler(s): Wm DePascale

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10= _____ 11= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		Analyses: CT 8260B							State-specific reporting standards:
	Effluent	10/31/13	700	G	GW			3			3							

MA DEP MCP CAM Report: Yes ☐ No ☐
CT DPH RCP Report: Yes ☒ No ☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER V*
☐ Other _____

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	T. Hubbell	11/6/13	1255	
T. Hubbell	[signature]	11/6/13	1655	

☒ EDD Format _____
☒ E-mail to crockwell@woodardcurran.com

☐ Ambient ☐ Iced ☐ Refrigerated ☐ Fridge temp ___ °C ☐ Freezer temp ___ °C

11 Almgren Drive • Agawam, MA 01001 • 413-789-9018 • FAX 413-789-4076 • www.spectrum-analytical.com

Revised July 2010

ANALYTICAL REPORT

Lab Number:	L1324819
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001.01
Report Date:	12/11/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1324819
Report Date: 12/11/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1324819-01	EFFLUENT	DANBURY, CT	11/27/13 15:50

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1324819
Report Date: 12/11/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1324819
Report Date: 12/11/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	RISDON	**Lab Number:**	L1324819
Project Number:	97001.01	**Report Date:**	12/11/13

Case Narrative (continued)

RCP Related Narratives

Volatile Organics

In reference to question 5b:

L1324819-01: One or more of the target analytes did not achieve the requested regulatory limits.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative

Date: 12/11/13

ORGANICS

VOLATILES

Project Name: RISDON **Lab Number:** L1324819

Project Number: 97001.01 **Report Date:** 12/11/13

SAMPLE RESULTS

Lab ID:	L1324819-01	Date Collected:	11/27/13 15:50
Client ID:	EFFLUENT	Date Received:	12/06/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	12/10/13 06:54		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	ND		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1324819

Project Number: 97001.01 **Report Date:** 12/11/13

SAMPLE RESULTS

Lab ID: L1324819-01 Date Collected: 11/27/13 15:50

Client ID: EFFLUENT Date Received: 12/06/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1324819

Project Number: 97001.01 **Report Date:** 12/11/13

SAMPLE RESULTS

Lab ID:	L1324819-01	Date Collected:	11/27/13 15:50
Client ID:	EFFLUENT	Date Received:	12/06/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: RISDON **Lab Number:** L1324819

Project Number: 97001.01 **Report Date:** 12/11/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 12/10/13 06:21
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG657642-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1324819

Project Number: 97001.01 **Report Date:** 12/11/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 12/10/13 06:21
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG657642-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1324819

Project Number: 97001.01 **Report Date:** 12/11/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 12/10/13 06:21
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG657642-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1324819
Report Date: 12/11/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG657642-1 WG657642-2								
Methylene chloride	77		78		70-130	1		30
1,1-Dichloroethane	86		87		70-130	1		30
Chloroform	95		97		70-130	2		30
Carbon tetrachloride	94		97		70-130	3		30
1,2-Dichloropropane	96		99		70-130	3		30
Dibromochloromethane	84		88		70-130	5		30
1,1,2-Trichloroethane	96		93		70-130	3		30
Tetrachloroethene	96		93		70-130	3		30
Chlorobenzene	93		91		70-130	2		30
Trichlorofluoromethane	74		74		70-130	0		30
1,2-Dichloroethane	93		94		70-130	1		30
1,1,1-Trichloroethane	98		100		70-130	2		30
Bromodichloromethane	91		96		70-130	5		30
trans-1,3-Dichloropropene	86		86		70-130	0		30
cis-1,3-Dichloropropene	93		96		70-130	3		30
1,1-Dichloropropene	89		89		70-130	0		30
Bromoform	82		87		54-136	6		30
1,1,2,2-Tetrachloroethane	92		91		70-130	1		30
Benzene	95		96		70-130	1		30
Toluene	94		92		70-130	2		30
Ethylbenzene	93		91		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1324819
Report Date: 12/11/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG657642-1 WG657642-2								
Chloromethane	81		83		64-130	2		30
Bromomethane	87		81		39-139	7		30
Vinyl chloride	82		80		70-130	2		30
Chloroethane	**68**	Q	**67**	Q	70-130	1		30
1,1-Dichloroethene	83		82		70-130	1		30
trans-1,2-Dichloroethene	85		85		70-130	0		30
Trichloroethene	103		102		70-130	1		30
1,2-Dichlorobenzene	92		90		70-130	2		30
1,3-Dichlorobenzene	91		88		70-130	3		30
1,4-Dichlorobenzene	92		89		70-130	3		30
Methyl tert butyl ether	95		97		70-130	2		30
p/m-Xylene	92		90		70-130	2		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	95		98		70-130	3		30
Dibromomethane	95		94		70-130	1		30
1,2,3-Trichloropropane	95		96		70-130	1		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	70		70		36-147	0		30
Acetone	67		67		58-148	0		30
Carbon disulfide	70		75		51-130	7		30
2-Butanone	108		103		63-138	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1324819
Report Date: 12/11/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG657642-1 WG657642-2								
4-Methyl-2-pentanone	102		107		59-130	5		30
2-Hexanone	99		100		57-130	1		30
Acrylonitrile	95		102		70-130	7		30
Tetrahydrofuran	103		110		70-130	7		30
2,2-Dichloropropane	95		95		63-133	0		30
1,2-Dibromoethane	91		91		70-130	0		30
1,3-Dichloropropane	94		91		70-130	3		30
1,1,1,2-Tetrachloroethane	84		85		70-130	1		30
Bromobenzene	96		93		70-130	3		30
n-Butylbenzene	97		91		70-130	6		30
sec-Butylbenzene	93		88		70-130	6		30
tert-Butylbenzene	97		91		70-130	6		30
o-Chlorotoluene	97		94		70-130	3		30
p-Chlorotoluene	94		90		70-130	4		30
1,2-Dibromo-3-chloropropane	94		87		41-144	8		30
Hexachlorobutadiene	105		99		70-130	6		30
Isopropylbenzene	97		91		70-130	6		30
p-Isopropyltoluene	96		90		70-130	6		30
Naphthalene	88		89		70-130	1		30
n-Propylbenzene	101		96		70-130	5		30
1,2,3-Trichlorobenzene	94		96		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.01
Lab Number: L1324819
Report Date: 12/11/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG657642-1 WG657642-2								
1,2,4-Trichlorobenzene	93		92		70-130	1		30
1,3,5-Trimethylbenzene	96		90		70-130	6		30
1,2,4-Trimethylbenzene	100		95		70-130	5		30
trans-1,4-Dichloro-2-butene	85		87		70-130	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	80		80		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		94		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	110		106		70-130
Dibromofluoromethane	99		99		70-130

Project Name: RISDON
Project Number: 97001.01

Lab Number: L1324819
Report Date: 12/11/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1324819-01A	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1324819-01B	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1324819-01C	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	RISDON	**Lab Number:**	L1324819
Project Number:	97001.01	**Report Date:**	12/11/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1324819

Project Number: 97001.01 **Report Date:** 12/11/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1324819
Project Number: 97001.01 **Report Date:** 12/11/13

REFERENCES

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised November 12, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310C, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, 4500SO4-E, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 5030C, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5030C, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330A, 8082A, EPA 3510C, 5030B, 5030C, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330A, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S^{2-}D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C,

4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm 9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease. **EPA 9060** in a soil matrix.

CT SCP 4819

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Alpha

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Woodard + Curran
41 Shattuck Rd
Andover MA 01810

Telephone #: 978 557 8150
Project Mgr. Cathy Rockwell

Invoice To: Same

P.O. No.: _____ RQN: _____

Project No.: 97001.01
Site Name: Risdon Danbury
Location: Danbury State: CT
Sampler(s): Wm DePascale

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Deionized Water 10=H_3PO_4 11= _____ 12= _____

List preservative code below:

QA/QC Reporting Notes:
* additional charges may apply

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= _____ X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		CT 8260B							
24819-01	Effluent	11/27/13	1550	G	GW	3					3							

Containers: # of VOA Vials, # of Amber Glass, # of Clear Glass, # of Plastic
Analyses: CT 8260B

MA DEP MCP CAM Report: Yes☐ No☐
CT DPH RCP Report: Yes☒ No☐

QA/QC Reporting Level
☒ Standard ☐ No QC ☐ DQA*
☐ NY ASP A* ☐ NY ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ TIER II* ☐ TIER IV*
☐ Other _____

State-specific reporting standards:

Please meet hold time + CT RSRs

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	[signature]	12/6/13	13:20	
[signature]	[signature]	12/6/13	1620	

☐ EDD Format _____
☐ E-mail to _____

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

APPENDIX C: ANALYTICAL DATA REPORT – September 2013 Semi-Annual Groundwater Monitoring

ANALYTICAL REPORT

Lab Number:	L1319238
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001.00/14/5011
Report Date:	10/06/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1319238-01	701 C	DANBURY, CT	09/24/13 10:20
L1319238-02	701 B	DANBURY, CT	09/24/13 13:05
L1319238-03	701 A	DANBURY, CT	09/24/13 10:42
L1319238-04	MW 15M	DANBURY, CT	09/23/13 16:07
L1319238-05	MW 50	DANBURY, CT	09/23/13 16:07

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319238
Report Date: 10/06/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	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?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON **Lab Number:** L1319238
Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: RISDON **Lab Number:** L1319238
Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Case Narrative (continued)

Report Submission

This report contains the results of the samples 701 C, 701 B, 701 A, MW 15M and MW 50. The results of all other samples will be issued under separate cover.

RCP Related Narratives

Volatile Organics

In reference to question 5b:

L1319238-01 through -05: One or more of the target analytes did not achieve the requested regulatory limits.

Total Metals

In reference to question 6:

At the client's request, all submitted samples were not analyzed for the full RCP list of constituents identified in the method specific analyte list presented in the RCP documents.

Non RCP Related Narratives

Volatile Organics - SIM

L1319238-02 has an elevated detection limit due to the dilution required by the elevated concentrations of non-target compounds in the sample.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 10/06/13

ORGANICS

VOLATILES

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-01	D	Date Collected:	09/24/13 10:20
Client ID:	701 C		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	1,8260C-SIM(M)			
Analytical Date:	10/05/13 16:48			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	380		ug/l	150	--	50

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-01	D	Date Collected:	09/24/13 10:20
Client ID:	701 C		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/05/13 16:48			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	250	--	50
1,1-Dichloroethane	ND		ug/l	37.5	--	50
Chloroform	ND		ug/l	37.5	--	50
Carbon tetrachloride	ND		ug/l	25.0	--	50
1,2-Dichloropropane	ND		ug/l	87.5	--	50
Dibromochloromethane	ND		ug/l	25.0	--	50
1,1,2-Trichloroethane	ND		ug/l	37.5	--	50
Tetrachloroethene	613.		ug/l	25.0	--	50
Chlorobenzene	ND		ug/l	25.0	--	50
Trichlorofluoromethane	ND		ug/l	125	--	50
1,2-Dichloroethane	ND		ug/l	25.0	--	50
1,1,1-Trichloroethane	179.		ug/l	25.0	--	50
Bromodichloromethane	ND		ug/l	25.0	--	50
trans-1,3-Dichloropropene	ND		ug/l	25.0	--	50
cis-1,3-Dichloropropene	ND		ug/l	25.0	--	50
1,1-Dichloropropene	ND		ug/l	125	--	50
Bromoform	ND		ug/l	100	--	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25.0	--	50
Benzene	ND		ug/l	25.0	--	50
Toluene	ND		ug/l	37.5	--	50
Ethylbenzene	ND		ug/l	25.0	--	50
Chloromethane	ND		ug/l	125	--	50
Bromomethane	ND		ug/l	50.0	--	50
Vinyl chloride	ND		ug/l	50.0	--	50
Chloroethane	ND		ug/l	50.0	--	50
1,1-Dichloroethene	109.		ug/l	25.0	--	50
trans-1,2-Dichloroethene	ND		ug/l	37.5	--	50
Trichloroethene	2600		ug/l	25.0	--	50
1,2-Dichlorobenzene	ND		ug/l	125	--	50
1,3-Dichlorobenzene	ND		ug/l	125	--	50
1,4-Dichlorobenzene	ND		ug/l	125	--	50

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID: L1319238-01 D Date Collected: 09/24/13 10:20

Client ID: 701 C Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	50.0	--	50
p/m-Xylene	ND		ug/l	50.0	--	50
o-Xylene	ND		ug/l	50.0	--	50
Xylene (Total)	ND		ug/l	50.0	--	50
cis-1,2-Dichloroethene	53.1		ug/l	25.0	--	50
Dibromomethane	ND		ug/l	250	--	50
1,2,3-Trichloropropane	ND		ug/l	250	--	50
Styrene	ND		ug/l	50.0	--	50
Dichlorodifluoromethane	ND		ug/l	250	--	50
Acetone	ND		ug/l	250	--	50
Carbon disulfide	ND		ug/l	250	--	50
2-Butanone	ND		ug/l	250	--	50
4-Methyl-2-pentanone	ND		ug/l	250	--	50
2-Hexanone	ND		ug/l	250	--	50
Acrylonitrile	ND		ug/l	250	--	50
Tetrahydrofuran	ND		ug/l	250	--	50
2,2-Dichloropropane	ND		ug/l	125	--	50
1,2-Dibromoethane	ND		ug/l	100	--	50
1,3-Dichloropropane	ND		ug/l	125	--	50
1,1,1,2-Tetrachloroethane	ND		ug/l	25.0	--	50
Bromobenzene	ND		ug/l	125	--	50
n-Butylbenzene	ND		ug/l	25.0	--	50
sec-Butylbenzene	ND		ug/l	25.0	--	50
tert-Butylbenzene	ND		ug/l	125	--	50
o-Chlorotoluene	ND		ug/l	125	--	50
p-Chlorotoluene	ND		ug/l	125	--	50
1,2-Dibromo-3-chloropropane	ND		ug/l	125	--	50
Hexachlorobutadiene	ND		ug/l	30.0	--	50
Isopropylbenzene	ND		ug/l	25.0	--	50
p-Isopropyltoluene	ND		ug/l	25.0	--	50
Naphthalene	ND		ug/l	125	--	50
n-Propylbenzene	ND		ug/l	25.0	--	50
1,2,3-Trichlorobenzene	ND		ug/l	125	--	50
1,2,4-Trichlorobenzene	ND		ug/l	125	--	50
1,3,5-Trimethylbenzene	ND		ug/l	125	--	50
1,2,4-Trimethylbenzene	ND		ug/l	125	--	50
trans-1,4-Dichloro-2-butene	ND		ug/l	125	--	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	100	--	50

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-01	D	Date Collected:	09/24/13 10:20
Client ID:	701 C		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-02	D	Date Collected:	09/24/13 13:05
Client ID:	701 B		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	1,8260C-SIM(M)			
Analytical Date:	10/05/13 17:21			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	150	--	50

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-02	D	Date Collected:	09/24/13 13:05
Client ID:	701 B		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/05/13 17:21			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	250	--	50
1,1-Dichloroethane	ND		ug/l	37.5	--	50
Chloroform	ND		ug/l	37.5	--	50
Carbon tetrachloride	ND		ug/l	25.0	--	50
1,2-Dichloropropane	ND		ug/l	87.5	--	50
Dibromochloromethane	ND		ug/l	25.0	--	50
1,1,2-Trichloroethane	ND		ug/l	37.5	--	50
Tetrachloroethene	496.		ug/l	25.0	--	50
Chlorobenzene	ND		ug/l	25.0	--	50
Trichlorofluoromethane	ND		ug/l	125	--	50
1,2-Dichloroethane	ND		ug/l	25.0	--	50
1,1,1-Trichloroethane	218.		ug/l	25.0	--	50
Bromodichloromethane	ND		ug/l	25.0	--	50
trans-1,3-Dichloropropene	ND		ug/l	25.0	--	50
cis-1,3-Dichloropropene	ND		ug/l	25.0	--	50
1,1-Dichloropropene	ND		ug/l	125	--	50
Bromoform	ND		ug/l	100	--	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25.0	--	50
Benzene	ND		ug/l	25.0	--	50
Toluene	ND		ug/l	37.5	--	50
Ethylbenzene	ND		ug/l	25.0	--	50
Chloromethane	ND		ug/l	125	--	50
Bromomethane	ND		ug/l	50.0	--	50
Vinyl chloride	ND		ug/l	50.0	--	50
Chloroethane	ND		ug/l	50.0	--	50
1,1-Dichloroethene	130.		ug/l	25.0	--	50
trans-1,2-Dichloroethene	ND		ug/l	37.5	--	50
Trichloroethene	4150		ug/l	25.0	--	50
1,2-Dichlorobenzene	ND		ug/l	125	--	50
1,3-Dichlorobenzene	ND		ug/l	125	--	50
1,4-Dichlorobenzene	ND		ug/l	125	--	50

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID: L1319238-02 D Date Collected: 09/24/13 13:05

Client ID: 701 B Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	50.0	--	50
p/m-Xylene	ND		ug/l	50.0	--	50
o-Xylene	ND		ug/l	50.0	--	50
Xylene (Total)	ND		ug/l	50.0	--	50
cis-1,2-Dichloroethene	67.6		ug/l	25.0	--	50
Dibromomethane	ND		ug/l	250	--	50
1,2,3-Trichloropropane	ND		ug/l	250	--	50
Styrene	ND		ug/l	50.0	--	50
Dichlorodifluoromethane	ND		ug/l	250	--	50
Acetone	ND		ug/l	250	--	50
Carbon disulfide	ND		ug/l	250	--	50
2-Butanone	ND		ug/l	250	--	50
4-Methyl-2-pentanone	ND		ug/l	250	--	50
2-Hexanone	ND		ug/l	250	--	50
Acrylonitrile	ND		ug/l	250	--	50
Tetrahydrofuran	ND		ug/l	250	--	50
2,2-Dichloropropane	ND		ug/l	125	--	50
1,2-Dibromoethane	ND		ug/l	100	--	50
1,3-Dichloropropane	ND		ug/l	125	--	50
1,1,1,2-Tetrachloroethane	ND		ug/l	25.0	--	50
Bromobenzene	ND		ug/l	125	--	50
n-Butylbenzene	ND		ug/l	25.0	--	50
sec-Butylbenzene	ND		ug/l	25.0	--	50
tert-Butylbenzene	ND		ug/l	125	--	50
o-Chlorotoluene	ND		ug/l	125	--	50
p-Chlorotoluene	ND		ug/l	125	--	50
1,2-Dibromo-3-chloropropane	ND		ug/l	125	--	50
Hexachlorobutadiene	ND		ug/l	30.0	--	50
Isopropylbenzene	ND		ug/l	25.0	--	50
p-Isopropyltoluene	ND		ug/l	25.0	--	50
Naphthalene	ND		ug/l	125	--	50
n-Propylbenzene	ND		ug/l	25.0	--	50
1,2,3-Trichlorobenzene	ND		ug/l	125	--	50
1,2,4-Trichlorobenzene	ND		ug/l	125	--	50
1,3,5-Trimethylbenzene	ND		ug/l	125	--	50
1,2,4-Trimethylbenzene	ND		ug/l	125	--	50
trans-1,4-Dichloro-2-butene	ND		ug/l	125	--	50
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	100	--	50

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-02	D	Date Collected:	09/24/13 13:05
Client ID:	701 B		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

CT RCP Volatile Organics - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	103		70-130

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-03	Date Collected:	09/24/13 10:42
Client ID:	701 A	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C-SIM(M)		
Analytical Date:	10/05/13 17:54		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	3.0	--	1

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-03	Date Collected:	09/24/13 10:42
Client ID:	701 A	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/05/13 17:54		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	2.77		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	1.00		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	16.8		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	3.61		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	46.6		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID: L1319238-03 Date Collected: 09/24/13 10:42

Client ID: 701 A Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	10.5		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-03	Date Collected:	09/24/13 10:42
Client ID:	701 A	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-04	D	Date Collected:	09/23/13 16:07
Client ID:	MW 15M		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/04/13 20:04			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	50.0	--	10
1,1-Dichloroethane	ND		ug/l	7.50	--	10
Chloroform	ND		ug/l	7.50	--	10
Carbon tetrachloride	ND		ug/l	5.00	--	10
1,2-Dichloropropane	ND		ug/l	17.5	--	10
Dibromochloromethane	ND		ug/l	5.00	--	10
1,1,2-Trichloroethane	ND		ug/l	7.50	--	10
Tetrachloroethene	6.86		ug/l	5.00	--	10
Chlorobenzene	ND		ug/l	5.00	--	10
Trichlorofluoromethane	ND		ug/l	25.0	--	10
1,2-Dichloroethane	ND		ug/l	5.00	--	10
1,1,1-Trichloroethane	14.4		ug/l	5.00	--	10
Bromodichloromethane	ND		ug/l	5.00	--	10
trans-1,3-Dichloropropene	ND		ug/l	5.00	--	10
cis-1,3-Dichloropropene	ND		ug/l	5.00	--	10
1,1-Dichloropropene	ND		ug/l	25.0	--	10
Bromoform	ND		ug/l	20.0	--	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.00	--	10
Benzene	ND		ug/l	5.00	--	10
Toluene	ND		ug/l	7.50	--	10
Ethylbenzene	ND		ug/l	5.00	--	10
Chloromethane	ND		ug/l	25.0	--	10
Bromomethane	ND		ug/l	10.0	--	10
Vinyl chloride	ND		ug/l	10.0	--	10
Chloroethane	ND		ug/l	10.0	--	10
1,1-Dichloroethene	7.75		ug/l	5.00	--	10
trans-1,2-Dichloroethene	ND		ug/l	7.50	--	10
Trichloroethene	519.		ug/l	5.00	--	10
1,2-Dichlorobenzene	ND		ug/l	25.0	--	10
1,3-Dichlorobenzene	ND		ug/l	25.0	--	10
1,4-Dichlorobenzene	ND		ug/l	25.0	--	10

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID: L1319238-04 D Date Collected: 09/23/13 16:07

Client ID: MW 15M Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	10.0	--	10
p/m-Xylene	ND		ug/l	10.0	--	10
o-Xylene	ND		ug/l	10.0	--	10
Xylene (Total)	ND		ug/l	10.0	--	10
cis-1,2-Dichloroethene	24.7		ug/l	5.00	--	10
Dibromomethane	ND		ug/l	50.0	--	10
1,2,3-Trichloropropane	ND		ug/l	50.0	--	10
Styrene	ND		ug/l	10.0	--	10
Dichlorodifluoromethane	ND		ug/l	50.0	--	10
Acetone	ND		ug/l	50.0	--	10
Carbon disulfide	ND		ug/l	50.0	--	10
2-Butanone	ND		ug/l	50.0	--	10
4-Methyl-2-pentanone	ND		ug/l	50.0	--	10
2-Hexanone	ND		ug/l	50.0	--	10
Acrylonitrile	ND		ug/l	50.0	--	10
Tetrahydrofuran	ND		ug/l	50.0	--	10
2,2-Dichloropropane	ND		ug/l	25.0	--	10
1,2-Dibromoethane	ND		ug/l	20.0	--	10
1,3-Dichloropropane	ND		ug/l	25.0	--	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.00	--	10
Bromobenzene	ND		ug/l	25.0	--	10
n-Butylbenzene	ND		ug/l	5.00	--	10
sec-Butylbenzene	ND		ug/l	5.00	--	10
tert-Butylbenzene	ND		ug/l	25.0	--	10
o-Chlorotoluene	ND		ug/l	25.0	--	10
p-Chlorotoluene	ND		ug/l	25.0	--	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25.0	--	10
Hexachlorobutadiene	ND		ug/l	6.00	--	10
Isopropylbenzene	ND		ug/l	5.00	--	10
p-Isopropyltoluene	ND		ug/l	5.00	--	10
Naphthalene	ND		ug/l	25.0	--	10
n-Propylbenzene	ND		ug/l	5.00	--	10
1,2,3-Trichlorobenzene	ND		ug/l	25.0	--	10
1,2,4-Trichlorobenzene	ND		ug/l	25.0	--	10
1,3,5-Trimethylbenzene	ND		ug/l	25.0	--	10
1,2,4-Trimethylbenzene	ND		ug/l	25.0	--	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25.0	--	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	20.0	--	10

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-04	D	Date Collected:	09/23/13 16:07
Client ID:	MW 15M		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	113		70-130

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-05	D	Date Collected:	09/23/13 16:07
Client ID:	MW 50		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/04/13 20:35			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	50.0	--	10
1,1-Dichloroethane	ND		ug/l	7.50	--	10
Chloroform	ND		ug/l	7.50	--	10
Carbon tetrachloride	ND		ug/l	5.00	--	10
1,2-Dichloropropane	ND		ug/l	17.5	--	10
Dibromochloromethane	ND		ug/l	5.00	--	10
1,1,2-Trichloroethane	ND		ug/l	7.50	--	10
Tetrachloroethene	7.28		ug/l	5.00	--	10
Chlorobenzene	ND		ug/l	5.00	--	10
Trichlorofluoromethane	ND		ug/l	25.0	--	10
1,2-Dichloroethane	ND		ug/l	5.00	--	10
1,1,1-Trichloroethane	14.8		ug/l	5.00	--	10
Bromodichloromethane	ND		ug/l	5.00	--	10
trans-1,3-Dichloropropene	ND		ug/l	5.00	--	10
cis-1,3-Dichloropropene	ND		ug/l	5.00	--	10
1,1-Dichloropropene	ND		ug/l	25.0	--	10
Bromoform	ND		ug/l	20.0	--	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.00	--	10
Benzene	ND		ug/l	5.00	--	10
Toluene	ND		ug/l	7.50	--	10
Ethylbenzene	ND		ug/l	5.00	--	10
Chloromethane	ND		ug/l	25.0	--	10
Bromomethane	ND		ug/l	10.0	--	10
Vinyl chloride	ND		ug/l	10.0	--	10
Chloroethane	ND		ug/l	10.0	--	10
1,1-Dichloroethene	7.62		ug/l	5.00	--	10
trans-1,2-Dichloroethene	ND		ug/l	7.50	--	10
Trichloroethene	534.		ug/l	5.00	--	10
1,2-Dichlorobenzene	ND		ug/l	25.0	--	10
1,3-Dichlorobenzene	ND		ug/l	25.0	--	10
1,4-Dichlorobenzene	ND		ug/l	25.0	--	10

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID: L1319238-05 D Date Collected: 09/23/13 16:07

Client ID: MW 50 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	10.0	--	10
p/m-Xylene	ND		ug/l	10.0	--	10
o-Xylene	ND		ug/l	10.0	--	10
Xylene (Total)	ND		ug/l	10.0	--	10
cis-1,2-Dichloroethene	24.2		ug/l	5.00	--	10
Dibromomethane	ND		ug/l	50.0	--	10
1,2,3-Trichloropropane	ND		ug/l	50.0	--	10
Styrene	ND		ug/l	10.0	--	10
Dichlorodifluoromethane	ND		ug/l	50.0	--	10
Acetone	ND		ug/l	50.0	--	10
Carbon disulfide	ND		ug/l	50.0	--	10
2-Butanone	ND		ug/l	50.0	--	10
4-Methyl-2-pentanone	ND		ug/l	50.0	--	10
2-Hexanone	ND		ug/l	50.0	--	10
Acrylonitrile	ND		ug/l	50.0	--	10
Tetrahydrofuran	ND		ug/l	50.0	--	10
2,2-Dichloropropane	ND		ug/l	25.0	--	10
1,2-Dibromoethane	ND		ug/l	20.0	--	10
1,3-Dichloropropane	ND		ug/l	25.0	--	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.00	--	10
Bromobenzene	ND		ug/l	25.0	--	10
n-Butylbenzene	ND		ug/l	5.00	--	10
sec-Butylbenzene	ND		ug/l	5.00	--	10
tert-Butylbenzene	ND		ug/l	25.0	--	10
o-Chlorotoluene	ND		ug/l	25.0	--	10
p-Chlorotoluene	ND		ug/l	25.0	--	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25.0	--	10
Hexachlorobutadiene	ND		ug/l	6.00	--	10
Isopropylbenzene	ND		ug/l	5.00	--	10
p-Isopropyltoluene	ND		ug/l	5.00	--	10
Naphthalene	ND		ug/l	25.0	--	10
n-Propylbenzene	ND		ug/l	5.00	--	10
1,2,3-Trichlorobenzene	ND		ug/l	25.0	--	10
1,2,4-Trichlorobenzene	ND		ug/l	25.0	--	10
1,3,5-Trimethylbenzene	ND		ug/l	25.0	--	10
1,2,4-Trimethylbenzene	ND		ug/l	25.0	--	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25.0	--	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	20.0	--	10

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-05	D	Date Collected:	09/23/13 16:07
Client ID:	MW 50		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/04/13 19:32
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 04-05 Batch: WG641498-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/04/13 19:32
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 04-05 Batch: WG641498-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/04/13 19:32
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 04-05 Batch: WG641498-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/05/13 11:21
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-03 Batch: WG641537-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/05/13 11:21
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-03 Batch: WG641537-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/05/13 11:21
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-03 Batch: WG641537-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C-SIM(M)
Analytical Date: 10/05/13 11:21
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG641538-3					
1,4-Dioxane	ND		ug/l	3.0	--

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04-05 Batch: WG641498-1 WG641498-2								
Methylene chloride	81		80		70-130	1		30
1,1-Dichloroethane	96		95		70-130	1		30
Chloroform	103		103		70-130	0		30
Carbon tetrachloride	120		121		70-130	1		30
1,2-Dichloropropane	85		83		70-130	2		30
Dibromochloromethane	88		89		70-130	1		30
1,1,2-Trichloroethane	80		81		70-130	1		30
Tetrachloroethene	102		101		70-130	1		30
Chlorobenzene	91		90		70-130	1		30
Trichlorofluoromethane	123		122		70-130	1		30
1,2-Dichloroethane	101		100		70-130	1		30
1,1,1-Trichloroethane	108		108		70-130	0		30
Bromodichloromethane	97		97		70-130	0		30
trans-1,3-Dichloropropene	72		74		70-130	3		30
cis-1,3-Dichloropropene	78		80		70-130	3		30
1,1-Dichloropropene	101		99		70-130	2		30
Bromoform	70		73		54-136	4		30
1,1,2,2-Tetrachloroethane	70		71		70-130	1		30
Benzene	92		90		70-130	2		30
Toluene	88		85		70-130	3		30
Ethylbenzene	98		96		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04-05 Batch: WG641498-1 WG641498-2								
Chloromethane	88		88		64-130	0		30
Bromomethane	79		84		39-139	6		30
Vinyl chloride	107		106		70-130	1		30
Chloroethane	98		96		70-130	2		30
1,1-Dichloroethene	98		96		70-130	2		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	99		97		70-130	2		30
1,2-Dichlorobenzene	85		84		70-130	1		30
1,3-Dichlorobenzene	87		87		70-130	0		30
1,4-Dichlorobenzene	86		86		70-130	0		30
Methyl tert butyl ether	72		72		70-130	0		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Dibromomethane	88		88		70-130	0		30
1,2,3-Trichloropropane	70		70		70-130	0		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	113		112		36-147	1		30
Acetone	82		86		58-148	5		30
Carbon disulfide	92		88		51-130	4		30
2-Butanone	74		72		63-138	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04-05 Batch: WG641498-1 WG641498-2								
4-Methyl-2-pentanone	63		64		59-130	2		30
2-Hexanone	69		69		57-130	0		30
Acrylonitrile	75		75		70-130	0		30
Tetrahydrofuran	**69**	Q	**69**	Q	70-130	0		30
2,2-Dichloropropane	83		81		63-133	2		30
1,2-Dibromoethane	80		79		70-130	1		30
1,3-Dichloropropane	80		78		70-130	3		30
1,1,1,2-Tetrachloroethane	90		92		70-130	2		30
Bromobenzene	84		85		70-130	1		30
n-Butylbenzene	98		95		70-130	3		30
sec-Butylbenzene	97		94		70-130	3		30
tert-Butylbenzene	96		94		70-130	2		30
o-Chlorotoluene	90		89		70-130	1		30
p-Chlorotoluene	88		88		70-130	0		30
1,2-Dibromo-3-chloropropane	67		69		41-144	3		30
Hexachlorobutadiene	104		99		70-130	5		30
Isopropylbenzene	102		99		70-130	3		30
p-Isopropyltoluene	96		94		70-130	2		30
Naphthalene	71		71		70-130	0		30
n-Propylbenzene	92		91		70-130	1		30
1,2,3-Trichlorobenzene	80		80		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04-05 Batch: WG641498-1 WG641498-2								
1,2,4-Trichlorobenzene	85		84		70-130	1		30
1,3,5-Trimethylbenzene	94		91		70-130	3		30
1,2,4-Trimethylbenzene	92		89		70-130	3		30
trans-1,4-Dichloro-2-butene	**64**	Q	**68**	Q	70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		106		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	109		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-03 Batch: WG641537-1 WG641537-2								
Methylene chloride	88		99		70-130	12		30
1,1-Dichloroethane	90		82		70-130	9		30
Chloroform	100		92		70-130	8		30
Carbon tetrachloride	88		85		70-130	3		30
1,2-Dichloropropane	97		90		70-130	7		30
Dibromochloromethane	82		75		70-130	9		30
1,1,2-Trichloroethane	99		84		70-130	16		30
Tetrachloroethene	102		86		70-130	17		30
Chlorobenzene	99		93		70-130	6		30
Trichlorofluoromethane	90		80		70-130	12		30
1,2-Dichloroethane	96		93		70-130	3		30
1,1,1-Trichloroethane	96		89		70-130	8		30
Bromodichloromethane	89		90		70-130	1		30
trans-1,3-Dichloropropene	90		76		70-130	17		30
cis-1,3-Dichloropropene	85		86		70-130	1		30
1,1-Dichloropropene	99		86		70-130	14		30
Bromoform	76		73		54-136	4		30
1,1,2,2-Tetrachloroethane	93		90		70-130	3		30
Benzene	99		91		70-130	8		30
Toluene	102		85		70-130	18		30
Ethylbenzene	100		98		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-03 Batch: WG641537-1 WG641537-2								
Chloromethane	82		106		64-130	26		30
Bromomethane	87		99		39-139	13		30
Vinyl chloride	81		90		70-130	11		30
Chloroethane	83		92		70-130	10		30
1,1-Dichloroethene	93		85		70-130	9		30
trans-1,2-Dichloroethene	92		85		70-130	8		30
Trichloroethene	102		90		70-130	13		30
1,2-Dichlorobenzene	100		96		70-130	4		30
1,3-Dichlorobenzene	100		95		70-130	5		30
1,4-Dichlorobenzene	96		93		70-130	3		30
Methyl tert butyl ether	90		86		70-130	5		30
p/m-Xylene	102		103		70-130	1		30
o-Xylene	101		105		70-130	4		30
cis-1,2-Dichloroethene	101		87		70-130	15		30
Dibromomethane	90		90		70-130	0		30
1,2,3-Trichloropropane	91		88		70-130	3		30
Styrene	102		105		70-130	3		30
Dichlorodifluoromethane	74		82		36-147	10		30
Acetone	100		76		58-148	27		30
Carbon disulfide	73		76		51-130	4		30
2-Butanone	109		85		63-138	25		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-03 Batch: WG641537-1 WG641537-2								
4-Methyl-2-pentanone	82		96		59-130	16		30
2-Hexanone	89		74		57-130	18		30
Acrylonitrile	84		87		70-130	4		30
Tetrahydrofuran	92		105		70-130	13		30
2,2-Dichloropropane	96		90		63-133	6		30
1,2-Dibromoethane	94		82		70-130	14		30
1,3-Dichloropropane	98		84		70-130	15		30
1,1,1,2-Tetrachloroethane	92		86		70-130	7		30
Bromobenzene	96		87		70-130	10		30
n-Butylbenzene	100		94		70-130	6		30
sec-Butylbenzene	99		90		70-130	10		30
tert-Butylbenzene	98		88		70-130	11		30
o-Chlorotoluene	98		90		70-130	9		30
p-Chlorotoluene	99		89		70-130	11		30
1,2-Dibromo-3-chloropropane	95		96		41-144	1		30
Hexachlorobutadiene	101		101		70-130	0		30
Isopropylbenzene	97		83		70-130	16		30
p-Isopropyltoluene	100		93		70-130	7		30
Naphthalene	101		103		70-130	2		30
n-Propylbenzene	99		89		70-130	11		30
1,2,3-Trichlorobenzene	108		106		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-03 Batch: WG641537-1 WG641537-2								
1,2,4-Trichlorobenzene	101		98		70-130	3		30
1,3,5-Trimethylbenzene	97		91		70-130	6		30
1,2,4-Trimethylbenzene	102		94		70-130	8		30
trans-1,4-Dichloro-2-butene	88		82		70-130	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	94		83		70-130	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		103		70-130
Toluene-d8	101		89		70-130
4-Bromofluorobenzene	98		94		70-130
Dibromofluoromethane	98		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: RISDON

Project Number: 97001.00/14/5011

Lab Number: L1319238

Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG641538-1 WG641538-2								
1,4-Dioxane	80		95		70-130	17		25

METALS

Project Name:	RISDON	**Lab Number:**	L1319238
Project Number:	97001.00/14/5011	**Report Date:**	10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-04	Date Collected:	09/23/13 16:07
Client ID:	MW 15M	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 21:35	EPA 3005A	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 21:35	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 21:35	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.0100	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	09/28/13 09:30	09/30/13 15:56	EPA 7470A	77,7470A	MC
Nickel, Total	ND		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 21:35	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 11:49	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1319238
Project Number:	97001.00/14/5011	**Report Date:**	10/06/13

SAMPLE RESULTS

Lab ID:	L1319238-05	Date Collected:	09/23/13 16:07
Client ID:	MW 50	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 21:54	EPA 3005A	77,6020A	BM
Arsenic, Total	0.0005		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 21:54	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 21:54	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.0100	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	09/28/13 09:30	09/30/13 15:58	EPA 7470A	77,7470A	MC
Nickel, Total	ND		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 21:54	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 11:53	EPA 3005A	77,6010C	TT

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 04-05 Batch: WG639790-1										
Mercury, Total	ND		mg/l	0.0002	--	1	09/28/13 09:30	09/30/13 15:44	77,7470A	MC

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 04-05 Batch: WG640682-1										
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT
Copper, Total	ND		mg/l	0.0048	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT
Nickel, Total	ND		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT
Zinc, Total	ND		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 11:25	77,6010C	TT

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 04-05 Batch: WG640689-1										
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Total Metals - Westborough Lab Associated sample(s): 04-05 Batch: WG639790-2								
Mercury, Total	98		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 04-05 Batch: WG640682-2								
Cadmium, Total	102		-		80-120	-		20
Chromium, Total	100		-		80-120	-		20
Copper, Total	94		-		80-120	-		20
Lead, Total	102		-		80-120	-		20
Nickel, Total	93		-		80-120	-		20
Selenium, Total	100		-		80-120	-		20
Silver, Total	94		-		80-120	-		20
Zinc, Total	100		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 04-05 Batch: WG640689-2								
Antimony, Total	86		-		80-120	-		20
Arsenic, Total	106		-		80-120	-		20
Beryllium, Total	95		-		80-120	-		20
Thallium, Total	93		-		80-120	-		20

INORGANICS
&
MISCELLANEOUS

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

SAMPLE RESULTS

Lab ID: L1319238-04
Client ID: MW 15M
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/23/13 16:07
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	0.069		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:46	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

SAMPLE RESULTS

Lab ID: L1319238-05
Client ID: MW 50
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/23/13 16:07
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	0.084		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:55	77,9014	DE

Project Name: RISDON **Lab Number:** L1319238

Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab for sample(s): 04-05 Batch: WG640063-1										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:31	77,9014	DE

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP General Chemistry - Westborough Lab Associated sample(s): 04-05 Batch: WG640063-2 WG640063-3								
Cyanide, Total	99		101		80-120	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
CT RCP General Chemistry - Westborough Lab Associated sample(s): 04-05 QC Batch ID: WG640063-4 WG640063-5 QC Sample: L1319526-07 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.187	94		0.187	94		75-125	0		20

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319238-01A	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-01B	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-01C	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-01D	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-01E	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-01F	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-02A	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-02B	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-02C	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-02D	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-02E	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-02F	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-03A	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-03B	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-03C	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-03D	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-03E	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-03F	Vial HCl preserved	A	N/A	4.5	Y	Absent	8260-SIM(14)
L1319238-04A	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-04B	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-04C	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-04G	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	CT-TCN-9014(14)

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319238-04H	Plastic 250ml HNO3 preserved	A	<2	4.5	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1319238-05A	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-05B	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-05C	Vial HCl preserved	A	N/A	4.5	Y	Absent	CT-8260(14)
L1319238-05G	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	CT-TCN-9014(14)
L1319238-05H	Plastic 250ml HNO3 preserved	A	<2	4.5	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1319238-06A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-06B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-06C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-06D	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-06E	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-06F	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-07A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-07B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-07C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-08A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-08B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-08C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-08D	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-08E	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-08F	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-09A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-09B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-09C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319238-10A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-10B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-10C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-11A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-11B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-11C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-12A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-12B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-12C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-13A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-13B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-13C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-14A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-14B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-14C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-15A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-15B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-15C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-15D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-15E	Plastic 250ml HNO3 preserved	A	<2	4.5	Y	Absent	-
L1319238-16A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-16B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-16C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-16D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-17A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-17B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-17C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-17D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-18A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-18B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-18C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-18D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-19A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-19B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-19C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-19D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319238-20A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-20B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-20C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21D	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21E	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21F	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21G	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21H	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21I	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-21J	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-21K	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-21L	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-22A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-22B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-22C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-22D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-23A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-23B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-23C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-23D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-24A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-24B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-25A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-25B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-25C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-25D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-25E	Plastic 250ml HNO3 preserved	A	<2	4.5	Y	Absent	-
L1319238-26A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-26B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-26C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-26D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-26E	Plastic 250ml HNO3 preserved	A	<2	4.5	Y	Absent	-
L1319238-27A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319238
Report Date: 10/06/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319238-27B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-27C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-27D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-27E	Plastic 250ml HNO3 preserved	A	<2	4.5	Y	Absent	-
L1319238-28A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-28B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-28C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-28D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-29A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-29B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-29C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-29D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-30A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-30B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-30C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-30D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-31A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-31B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-31C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-31D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-31E	Plastic 250ml HNO3 preserved	A	<2	4.5	Y	Absent	-
L1319238-32A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-32B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-32C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-32D	Plastic 250ml NaOH preserved	A	>12	4.5	Y	Absent	-
L1319238-33A	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-33B	Vial HCl preserved	A	N/A	4.5	Y	Absent	-
L1319238-33C	Vial HCl preserved	A	N/A	4.5	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name:	RISDON	**Lab Number:**	L1319238
Project Number:	97001.00/14/5011	**Report Date:**	10/06/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name:	RISDON	**Lab Number:**	L1319238
Project Number:	97001.00/14/5011	**Report Date:**	10/06/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1319238
Project Number: 97001.00/14/5011 **Report Date:** 10/06/13

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised October 1, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310C, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, 4500SO4-E, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 5030C, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5030C, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330A, 8082A, EPA 3510C, 5030B, 5030C, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330A, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S^{2-}D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C,

4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm 9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

Serial No:10061320:47

Revised COC

CHAIN OF CUSTODY

PAGE 1 OF 5

Date Rec'd in Lab: 9/27/13

ALPHA Job #: L1319238

8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Client Information

Client: Woodard & Curran

Address: 40 Shattuck Rd Suite 110
Andover MA 01810

Phone: 978 557 8150

Email: 978 557 7948

Project Information

Project Name: Risdon

Project Location: Danbury CT

Project #: 97001.00 1/4/5011

Project Manager: Cathy Rodwell

ALPHA Quote #:

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☑ Same as Client Info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☑ No MA MCP Analytical Methods ☑ Yes ☐ No CT RCP Analytical Methods

☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)

☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)

☐ Yes ☐ No NPDES RGP

☐ Other State /Fed Program CT RSRS Criteria

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: 10/4/13

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	CT 8260B	1,4 Dioxane	Total Cyanide	13 PP Metals	1,4 Dioxane (SIM)	Sample Comments
19238-01	701C	9/24/13	1020	GW	GSR	3	3				Please See
02	701B	9/24/13	1305	GW	GSR	3	3				Table 6-2b
03	701A	9/24/13	1042	GW	WCD	3			3		for detection
	~~MW 15M~~	~~9/24/13~~	~~1423~~	~~GW~~	~~WCD~~	~~3~~					limits
	~~MW 50~~	~~9/24/13~~	~~1423~~	~~GW~~	~~WCD~~	~~3~~	~~1~~	~~1~~			DL
	~~MW 14~~	~~9/24/13~~	~~1423~~	~~GW~~	~~WCD~~	~~3~~	~~1~~				3.0 ug/L
04	MW 15M	9/23/13	1607	GW	WCD	3	1	1			for 1,4
05	MW 50	9/23/13	1607	GW	WCD	3	1	1			Dioxane
					WCD 9/27/13 corrected						
	Container Type					V	V	P	P	V	
	Preservative					B	B	E	C	B	

SAMPLE INFO — Filtration: ☐ Field ☐ Lab to do; Preservation: ☐ Lab to do

TOTAL # BOTTLES

Container Type: P= Plastic; A= Amber glass; V= Vial; G= Glass; B= Bacteria cup; C= Cube; O= Other; E= Encore; D= BOD Bottle

Preservative: A= None; B= HCl; C= HNO_3; D= H_2SO_4; E= NaOH; F= MeOH; G= $NaHSO_4$; H= $Na_2S_2O_3$; I= Ascorbic Acid; J= NH_4Cl; K= Zn Acetate; O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/27/13 1245	[illegible]	9/27/13 1245
		William McCleary	9/27/13 1445

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FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

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ALPHA ANALYTICAL World Class Chemistry
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 9/27/13

ALPHA Job #: L1319238

Client Information

Client: Woodard + Curran
Address: 40 Shattuck Rd Suite 110 Andover MA 01810
Phone: 978 557 8150
Email: 978 557 7948

Project Information

Project Name: Risdon
Project Location: Danbury CT
Project #: 97001.00 1.4/5011
Project Manager: Cathy Rodwell
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 10/4/13

Additional Project Information:

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☒ No MA MCP Analytical Methods
☒ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program CT RSRs Criteria

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC: ☐ 8260 ☐ 624 ☐ 524.2	SVOC: ☐ ABN ☐ PAH	METALS: ☐ MCP 14 ☐ RCP 15	METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13	EPH: ☐ Ranges & Targets ☐ Ranges Only	VPH: ☐ Ranges & Targets ☐ Ranges Only	☐ PCB ☐ PEST	TPH: ☐ Quant Only ☐ Fingerprint	CT 8260 B	1,4 Dioxane	Total Cyanide	13 PP Metals	1,4 Dioxane (SIM)		Sample Comments	TOTAL # BOTTLES
19238-01	701C	9/24/13	1020	GW	GSR									3	3					Please See	
02	701B	9/24/13	1305	GW	GSR									3	3					Table 6-2b	
03	701A	9/24/13	1042	GW	WCD									3				3		for detection	
04	MW 15M	9/24/13	1423	GW	WCD									3						limits	
05	MW 50	9/24/13	1423	GW	WCD									3		1	1			DL	
																				3.0 ug/L	
																				for 1,4	
																				Dioxane	
													Container Type	V	V	P	P	V			
													Preservative	B	B	E	C	B			

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H= $Na_2S_2O_3$
I= Ascorbic Acid
J= NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/27/13 1245	T. Hurlbut	9/27/13 1245
T. Hurlbut	9/27/13 1645	William McClendon	9/27/13 1645

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

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ALPHA ANALYTICAL — World Class Chemistry
8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 9/27/13

ALPHA Job #: L1319238

Client Information

Client: Woodard + Curran
Address: 40 Shattuck Rd Suite 110, Andover MA 01810
Phone: 978 557 8150
Email: 978 557 7948

Project Information

Project Name: Risdon
Project Location: Danbury CT
Project #: 97001.00(17/5011
Project Manager: Cathy Rodwell
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 10/4/13

Additional Project Information:

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☑ No MA MCP Analytical Methods
☑ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program CT RSR's Criteria

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	CT RSR's	1,4 Dioxane	Total Cyanide	13 PP Metals	1,4 Dioxane (SIM)	Sample Comments	Total # Bottles
19238-06	DPMW-1	9/23/13	1515	GW	GSR	3			3		Please See	
07	DPMW-4	9/23/13	1422	GW	WCD	3					Table 6-2b	
08	MW 703	9/23/13	1345	GW	GSR	3			3		for detection	
											limits	
											DL	
											3 wgk for	
											1,4 Dioxane	
Container Type						V	V	P	P	V		
Preservative						B	B	E	C	B		

SAMPLE INFO — Filtration: ☐ Field ☐ Lab to do; Preservation: ☐ Lab to do

Container Type: P= Plastic, A= Amber glass, V= Vial, G= Glass, B= Bacteria cup, C= Cube, O= Other, E= Encore, D= BOD Bottle

Preservative: A= None, B= HCl, C= HNO_3, D= H_2SO_4, E= NaOH, F= MeOH, G= $NaHSO_4$, H= $Na_2S_2O_3$, I= Ascorbic Acid, J= NH_4Cl, K= Zn Acetate, O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
RCM	9/27/13 1245	T. Hunt	9/27/13 1245
T. Hunt	9/27/13 1645	William McClendon	9/27/13 1645

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

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ALPHA ANALYTICAL
Water Class Chemistry
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220
320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 9/27/13

ALPHA Job #: L1319238

Project Information

Project Name: Risdon
Project Location: Danbury CT
Project #: 97001.00 1/4/5011
Project Manager: Cathy Rochwell
ALPHA Quote #:

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☑ Same as Client info PO #:

Client Information

Client: Woodard + Curran
Address: 40 Shattuck Rd Suite 110
Andover MA 01810
Phone: 978 557 8150
Email: 978 557 7948

Regulatory Requirements & Project Information Requirements

☐ Yes ☑ No MA MCP Analytical Methods
☑ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program CT RSRs Criteria

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 10/4/13

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	CT EDB/DB	1,4 Dioxane	Total Cyanide	13 PP Metals	1,4 Dioxane (SIM)	Sample Comments	TOTAL # BOTTLES
19238-09	P2-SR1850	9/23/13	933	GW	WCD									3					Please See	
10	P2-SR 1640	9/23/13	1003	GW	WCD									3					table 6-2b	
11	P2-SR 1450	9/23/13	1033	GW	WCD									3					for detection	
12	P2-SR1250	9/23/13	1113	GW	WCD									3					limits	
13	P2-SR-875	9/23/13	1143	GW	WCD									3						
14	MW 90	9/23/13	1630	DE GW	WCD									3						
Container Type														V	V	P	P	V		
Preservative														B	B	E	C	B		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/27/13 1245	[illegible]	9/27/13 1245
T. Hendleson	9/27/13 1645	William McLeod	9/27/13 1645

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FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

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ALPHA ANALYTICAL "World Class Chemistry"
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 9/27/13

ALPHA Job #: L1319238

Client Information

Client: Woodard + Curran
Address: 40 Shattuck Rd Suite 110
Andover MA 01810
Phone: 978 557 8150
Email: 978 557 7948

Project Information

Project Name: Risdon
Project Location: Danbury
Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10/4/13

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☑ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program CT RSRS Criteria

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; CT RSRS; Total Cyanide; 13 PP Metals

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	CT RSRS	Total Cyanide	13 PP Metals	Sample Comments	TOTAL # BOTTLES
19238 15	20NR-MW-1A	9/24/13	1213	GW	WCD	3	1	1	Please see	
16	MW-8	9/24/13	1637	GW	WCD	3	1		Table 6-2b	
17	MW-1	9/24/13	750/800	GW	GSR	3	1		for detection	
18	MW-2	9/24/13	1440	GW	GSR	3	1		limits	
19	MW 11	9/25/13	1232	GW	WCD	3	1			
20	MW 12	9/25/13	1402	GW	WCD	3				
21	MW-3	9/25/13	1532	GW	WCD	9	3		MS/MSD	
22	MW 10	9/25/13	1616	GW	WCD	3	1			
23	MW 92	9/25/13	1705	DI	WCD	3	1			
24	Trip Blank	—	—	—	—	2				
					Container Type	V	P	P		
					Preservative	B	E	C		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
MOM	9/27/13 1245	T Hundale	9/27/13 1245
T Hundelman	9/27/13 1645	William McClendl	9/27/13 1645

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FORM NO: 01-01 (rev. 12-Mar-2012)

Serial No:10061320:47
Revised COC

CHAIN OF CUSTODY

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ALPHA Analytical Laboratories
Water Quality Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 9/27/13

ALPHA Job #: L1319238

Client Information

Client: Woodard & Curran
Address: 40 Shattuck Rd Suite 110
Andover MA 01810
Phone: 978 557 8150
Email: 978 557 7948

Project Information

Project Name: Risdon
Project Location: Danbury CT
Project #: 97001.01/3/13
Project Manager: Cathy Rodwell
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 10/4/13

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods
☒ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program CT RSRs Criteria

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; CT 8260 B; Total Cyanide; 13 PP Metals

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	CT 8260 B	Total Cyanide	13 PP Metals			Sample Comments	TOTAL # BOTTLES
L19238-25	MW 113	9/25/13	915	GW	JLC									3	1	1			Please See	
26	MW 111	9/25/13	1125	GW	JLC									3	1	1			Table 6-2b	
27	MW 601 B	9/25/13	1330	GW	JLC									3	1	1			for detection	
28	MW 508	9/25/13	1450	GW	JLC									3	1				Limits	
29	MW 508 C	9/25/13	1655	GW	JLC									3	1					
30	MW 51	9/25/13	1655	GW	JLC									3	1					
31	MW 91	9/25/13	1720	~~GW~~ OF	JLC									3	1	1				
32	MW 14	9/24/13	1723	GW	WCD									3	1					

WCD corrected on 9/27/13

Container Type												V	P	P	
Preservative												B	E	C	

Container Type: P= Plastic, A= Amber glass, V= Vial, G= Glass, B= Bacteria cup, C= Cube, O= Other, E= Encore, D= BOD Bottle

Preservative: A= None, B= HCl, C= HNO_3, D= H_2SO_4, E= NaOH, F= MeOH, G= $NaHSO_4$, H= $Na_2S_2O_3$, I= Ascorbic Acid, J= NH_4Cl, K= Zn Acetate, O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/27/13 1245	[illegible]	9/27/13 1245

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

Serial_No:10061320:47

CHAIN OF CUSTODY

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ALPHA ANALYTICAL — World Class Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220

320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd In Lab: 9/27/13

ALPHA Job #: L1319238

Client Information

Client: Woodard & Curran

Address: 40 Shattuck Rd Suite 110, Andover MA 01810

Phone: 978 557 8150

Email: 978 557 7948

Project Information

Project Name: Risdon

Project Location: Danbury CT

Project #: 97001.01 / 31 / 3

Project Manager: Cathy Rockwell

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10/4/13

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods

☒ Yes ☐ No CT RCP Analytical Methods

☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)

☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)

☐ Yes ☐ No NPDES RGP

☐ Other State /Fed Program CT RSRs Criteria

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15 ☐ PP13; METALS: ☐ RCRA5 ☐ RCRA8; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint

SAMPLE INFO — Filtration: ☐ Field ☐ Lab to do; Preservation: ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	CT 8260 B	Total Cyanide	13 PP Metals	Sample Comments
19238-25 15	MW 113	9/25/13	915	GW	JLC	3	1	1	Please See
26 16	MW 111	9/25/13	1125	GW	JLC	3	1	1	Table 6-2b
27 17	MW 601 B	9/25/13	1330	GW	JLC	3	1	1	for detection
28 18	MW 508	9/25/13	1450	GW	JLC	3	1		Limits
29 19	MW 508 C	9/25/13	1655	GW	JLC	3	1		
30 20	MW 51	9/25/13	1655	GW	JLC	3	1		
31 21	MW 91	9/25/13	1720	~~GW~~ DI	JLC	3	1	1	
Container Type						V	P	P	
Preservative						B	E	C	

Container Type: P= Plastic, A= Amber glass, V= Vial, G= Glass, B= Bacteria cup, C= Cube, O= Other, E= Encore, D= BOD Bottle

Preservative: A= None, B= HCl, C= HNO_3, D= H_2SO_4, E= NaOH, F= MeOH, G= $NaHSO_4$, H = $Na_2S_2O_3$, I= Ascorbic Acid, J = NH_4Cl, K= Zn Acetate, O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
ROM	9/27/13 1245	T. Huddleston	9/27/13 1245
T. Huddleston	9/27/13 1645	William McClendon	9/27/13 1645

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

L1319238

TABLE 6-2b: GROUNDWATER CONTAMINANTS OF CONCERN - INORGANICS

Analytes	CAS Number	USEPA Analytical Method	Proposed Screening Level[1] (µg/L)	Laboratory IDL (µg/l)	Laboratory QL (µg/l)
Antimony	7440-36-0	6010B	86,000	25	50
Arsenic	7440-38-2	6020A	4	0.25	0.5
Beryllium	7440-41-7	6020A	4	3	5
Cadmium	7440-43-9	6010B	6	3	5
Chromium[2]	7440-47-3	6010B	--	5	10
Hexavalent Chromium	18540-29-9	7196A	110	5	10
Trivalent Chromium		--	1,200	NA - calculation	10
Copper	7440-50-8	6010B	48	5	10
Cyanide, amenable	57-12-5	9014	--	NA - calculation	10
Cyanide, total	57-12-5	9014	52	2.5	5
Lead	7439-92-1	6010B	13	5	10
Mercury	7439-97-6	7470A	0.4	0.1	0.2
Nickel	7440-02-0	6010B	880	13	25
Selenium	7782-49-2	6010B	50	5	10
Silver	7440-22-4	6010B	12	4	7
Thallium	7440-28-0	6010B	63	10	20
Zinc	7440-66-6	6010B	123	25	50

Notes:

1. The proposed screening levels are based on the Surface Water Protection Criteria (SWPC) of CTDEP Remediation Standard Regulations.
2. Screening levels for Chromium are based on the SWPC for Hexavalent and Trivalent Chromium. A value for Trivalent Chromium is developed by subtracting Hexavalent Chromium from the total Chromium result

IDL = Instrument Detection Limit

QLs = Laboratory's standard Quantitation Limits - unless otherwise noted, this is the reporting limit for the laboratory reports.

NA = Not applicable

Table 6-2 a and b groundwater REV.xls

ANALYTICAL REPORT

Lab Number:	L1319526
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001.00/14/5011
Report Date:	10/08/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1319526-01	20NR-MW-1A	DANBURY, CT	09/24/13 12:13
L1319526-02	MW-8	DANBURY, CT	09/24/13 16:37
L1319526-03	MW-1	DANBURY, CT	09/24/13 07:50
L1319526-04	MW-2	DANBURY, CT	09/24/13 14:40
L1319526-05	MW 11	DANBURY, CT	09/25/13 12:32
L1319526-06	MW 112	DANBURY, CT	09/25/13 14:02
L1319526-07	MW-3	DANBURY, CT	09/25/13 15:32
L1319526-08	MW 10	DANBURY, CT	09/25/13 16:16
L1319526-09	MW 92	DANBURY, CT	09/25/13 17:05
L1319526-10	TRIP BLANK	DANBURY, CT	09/24/13 00:00
L1319526-11	MW 113	DANBURY, CT	09/25/13 09:15
L1319526-12	MW 111	DANBURY, CT	09/25/13 11:25
L1319526-13	MW 601B	DANBURY, CT	09/25/13 13:30
L1319526-14	MW 508	DANBURY, CT	09/25/13 14:50
L1319526-15	MW 508C	DANBURY, CT	09/25/13 16:55
L1319526-16	MW 51	DANBURY, CT	09/25/13 16:55
L1319526-17	MW-91	DANBURY, CT	09/25/13 17:20
L1319526-18	MW-14	DANBURY, CT	09/24/13 14:23
L1319526-19	MW-9	DANBURY, CT	09/25/13 16:25

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	NO
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	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?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	YES

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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON **Lab Number:** L1319526
Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: RISDON **Lab Number:** L1319526
Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Case Narrative (continued)

RCP Related Narratives

Sample Receipt

At the client's request, L1319526-19 was analyzed for Volatile Organics.

Volatile Organics

In reference to question 4:

The WG641696-5 MSD recovery, performed on L1319526-07, is below the acceptance criteria for acetone (50%); however, the associated LCS/LCSD recoveries are within overall method allowances. The results of the sample utilized for the MS/MSD are considered to have a potentially low bias for this compound.

In reference to question 5b:

L1319526-01 through -19: One or more of the target analytes did not achieve the requested regulatory limits.

Total Metals

In reference to question 6:

At the client's request, all submitted samples were not analyzed for the full RCP list of constituents identified in the method specific analyte list presented in the RCP documents.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 10/08/13

ORGANICS

VOLATILES

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-01	Date Collected:	09/24/13 12:13
Client ID:	20NR-MW-1A	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/05/13 02:53		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	0.534		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-01 Date Collected: 09/24/13 12:13

Client ID: 20NR-MW-1A Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	0.640		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-01	Date Collected:	09/24/13 12:13
Client ID:	20NR-MW-1A	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-02	Date Collected:	09/24/13 16:37
Client ID:	MW-8	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/05/13 03:25		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	61.5		ug/l	0.750	--	1
Chloroform	1.72		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	10.0		ug/l	0.750	--	1
Tetrachloroethene	14.0		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	6770	E	ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	1.28		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	6.33		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	1500	E	ug/l	0.500	--	1
trans-1,2-Dichloroethene	6.45		ug/l	0.750	--	1
Trichloroethene	782.	E	ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-02 Date Collected: 09/24/13 16:37

Client ID: MW-8 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	6.29		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	0.547		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	0.867		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	0.575		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-02	Date Collected:	09/24/13 16:37
Client ID:	MW-8	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	125		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-02	D	Date Collected:	09/24/13 16:37
Client ID:	MW-8		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/07/13 00:40			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
1,1,1-Trichloroethane	52500		ug/l	1000	--	2000
1,1-Dichloroethene	1530		ug/l	1000	--	2000
Trichloroethene	1150		ug/l	1000	--	2000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-03	Date Collected:	09/24/13 07:50
Client ID:	MW-1	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/08/13 12:13		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	0.878		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-03 Date Collected: 09/24/13 07:50

Client ID: MW-1 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-03	Date Collected:	09/24/13 07:50
Client ID:	MW-1	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	114		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-04	Date Collected:	09/24/13 14:40
Client ID:	MW-2	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/06/13 16:35		
Analyst:	TR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	1.53		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	0.805		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-04 Date Collected: 09/24/13 14:40

Client ID: MW-2 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-04	Date Collected:	09/24/13 14:40
Client ID:	MW-2	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-05	Date Collected:	09/25/13 12:32
Client ID:	MW 11	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/05/13 04:27		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	15.8		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	0.946		ug/l	0.750	--	1
Tetrachloroethene	9.42		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	486.	E	ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	2.23		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	126.	E	ug/l	0.500	--	1
trans-1,2-Dichloroethene	0.906		ug/l	0.750	--	1
Trichloroethene	905.	E	ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-05 Date Collected: 09/25/13 12:32

Client ID: MW 11 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	60.3		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-05	Date Collected:	09/25/13 12:32
Client ID:	MW 11	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-05	D	Date Collected:	09/25/13 12:32
Client ID:	MW 11		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 06:03			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
1,1,1-Trichloroethane	431.		ug/l	10.0	--	20
1,1-Dichloroethene	109.		ug/l	10.0	--	20
Trichloroethene	980.		ug/l	10.0	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	114		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-06	D2	Date Collected:	09/25/13 14:02
Client ID:	MW 112		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/07/13 01:12			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Trichloroethene	6840		ug/l	100	--	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	112		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-06	D	Date Collected:	09/25/13 14:02
Client ID:	MW 112		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 02:23			
Analyst:	RY			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	50.0	--	10
1,1-Dichloroethane	11.5		ug/l	7.50	--	10
Chloroform	ND		ug/l	7.50	--	10
Carbon tetrachloride	ND		ug/l	5.00	--	10
1,2-Dichloropropane	ND		ug/l	17.5	--	10
Dibromochloromethane	ND		ug/l	5.00	--	10
1,1,2-Trichloroethane	ND		ug/l	7.50	--	10
Tetrachloroethene	75.6		ug/l	5.00	--	10
Chlorobenzene	ND		ug/l	5.00	--	10
Trichlorofluoromethane	ND		ug/l	25.0	--	10
1,2-Dichloroethane	ND		ug/l	5.00	--	10
1,1,1-Trichloroethane	133.		ug/l	5.00	--	10
Bromodichloromethane	ND		ug/l	5.00	--	10
trans-1,3-Dichloropropene	ND		ug/l	5.00	--	10
cis-1,3-Dichloropropene	ND		ug/l	5.00	--	10
1,1-Dichloropropene	ND		ug/l	25.0	--	10
Bromoform	ND		ug/l	20.0	--	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.00	--	10
Benzene	ND		ug/l	5.00	--	10
Toluene	ND		ug/l	7.50	--	10
Ethylbenzene	ND		ug/l	5.00	--	10
Chloromethane	ND		ug/l	25.0	--	10
Bromomethane	ND		ug/l	10.0	--	10
Vinyl chloride	ND		ug/l	10.0	--	10
Chloroethane	ND		ug/l	10.0	--	10
1,1-Dichloroethene	28.4		ug/l	5.00	--	10
trans-1,2-Dichloroethene	ND		ug/l	7.50	--	10
Trichloroethene	6980	E	ug/l	5.00	--	10
1,2-Dichlorobenzene	ND		ug/l	25.0	--	10
1,3-Dichlorobenzene	ND		ug/l	25.0	--	10
1,4-Dichlorobenzene	ND		ug/l	25.0	--	10

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-06 D Date Collected: 09/25/13 14:02

Client ID: MW 112 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	10.0	--	10
p/m-Xylene	ND		ug/l	10.0	--	10
o-Xylene	ND		ug/l	10.0	--	10
Xylene (Total)	ND		ug/l	10.0	--	10
cis-1,2-Dichloroethene	90.6		ug/l	5.00	--	10
Dibromomethane	ND		ug/l	50.0	--	10
1,2,3-Trichloropropane	ND		ug/l	50.0	--	10
Styrene	ND		ug/l	10.0	--	10
Dichlorodifluoromethane	ND		ug/l	50.0	--	10
Acetone	ND		ug/l	50.0	--	10
Carbon disulfide	ND		ug/l	50.0	--	10
2-Butanone	ND		ug/l	50.0	--	10
4-Methyl-2-pentanone	ND		ug/l	50.0	--	10
2-Hexanone	ND		ug/l	50.0	--	10
Acrylonitrile	ND		ug/l	50.0	--	10
Tetrahydrofuran	ND		ug/l	50.0	--	10
2,2-Dichloropropane	ND		ug/l	25.0	--	10
1,2-Dibromoethane	ND		ug/l	20.0	--	10
1,3-Dichloropropane	ND		ug/l	25.0	--	10
1,1,1,2-Tetrachloroethane	ND		ug/l	5.00	--	10
Bromobenzene	ND		ug/l	25.0	--	10
n-Butylbenzene	ND		ug/l	5.00	--	10
sec-Butylbenzene	ND		ug/l	5.00	--	10
tert-Butylbenzene	ND		ug/l	25.0	--	10
o-Chlorotoluene	ND		ug/l	25.0	--	10
p-Chlorotoluene	ND		ug/l	25.0	--	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25.0	--	10
Hexachlorobutadiene	ND		ug/l	6.00	--	10
Isopropylbenzene	ND		ug/l	5.00	--	10
p-Isopropyltoluene	ND		ug/l	5.00	--	10
Naphthalene	ND		ug/l	25.0	--	10
n-Propylbenzene	ND		ug/l	5.00	--	10
1,2,3-Trichlorobenzene	ND		ug/l	25.0	--	10
1,2,4-Trichlorobenzene	ND		ug/l	25.0	--	10
1,3,5-Trimethylbenzene	ND		ug/l	25.0	--	10
1,2,4-Trimethylbenzene	ND		ug/l	25.0	--	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25.0	--	10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	20.0	--	10

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-06	D	Date Collected:	09/25/13 14:02
Client ID:	MW 112		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

CT RCP Volatile Organics - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-07	D	Date Collected:	09/25/13 15:32
Client ID:	MW-3		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 17:07			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	500	--	100
1,1-Dichloroethane	ND		ug/l	75.0	--	100
Chloroform	ND		ug/l	75.0	--	100
Carbon tetrachloride	ND		ug/l	50.0	--	100
1,2-Dichloropropane	ND		ug/l	175	--	100
Dibromochloromethane	ND		ug/l	50.0	--	100
1,1,2-Trichloroethane	ND		ug/l	75.0	--	100
Tetrachloroethene	ND		ug/l	50.0	--	100
Chlorobenzene	ND		ug/l	50.0	--	100
Trichlorofluoromethane	ND		ug/l	250	--	100
1,2-Dichloroethane	ND		ug/l	50.0	--	100
1,1,1-Trichloroethane	192.		ug/l	50.0	--	100
Bromodichloromethane	ND		ug/l	50.0	--	100
trans-1,3-Dichloropropene	ND		ug/l	50.0	--	100
cis-1,3-Dichloropropene	ND		ug/l	50.0	--	100
1,1-Dichloropropene	ND		ug/l	250	--	100
Bromoform	ND		ug/l	200	--	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50.0	--	100
Benzene	ND		ug/l	50.0	--	100
Toluene	ND		ug/l	75.0	--	100
Ethylbenzene	ND		ug/l	50.0	--	100
Chloromethane	ND		ug/l	250	--	100
Bromomethane	ND		ug/l	100	--	100
Vinyl chloride	ND		ug/l	100	--	100
Chloroethane	ND		ug/l	100	--	100
1,1-Dichloroethene	69.7		ug/l	50.0	--	100
trans-1,2-Dichloroethene	ND		ug/l	75.0	--	100
Trichloroethene	7260		ug/l	50.0	--	100
1,2-Dichlorobenzene	ND		ug/l	250	--	100
1,3-Dichlorobenzene	ND		ug/l	250	--	100
1,4-Dichlorobenzene	ND		ug/l	250	--	100

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-07 D Date Collected: 09/25/13 15:32

Client ID: MW-3 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	100	--	100
p/m-Xylene	ND		ug/l	100	--	100
o-Xylene	ND		ug/l	100	--	100
Xylene (Total)	ND		ug/l	100	--	100
cis-1,2-Dichloroethene	ND		ug/l	50.0	--	100
Dibromomethane	ND		ug/l	500	--	100
1,2,3-Trichloropropane	ND		ug/l	500	--	100
Styrene	ND		ug/l	100	--	100
Dichlorodifluoromethane	ND		ug/l	500	--	100
Acetone	ND		ug/l	500	--	100
Carbon disulfide	ND		ug/l	500	--	100
2-Butanone	ND		ug/l	500	--	100
4-Methyl-2-pentanone	ND		ug/l	500	--	100
2-Hexanone	ND		ug/l	500	--	100
Acrylonitrile	ND		ug/l	500	--	100
Tetrahydrofuran	ND		ug/l	500	--	100
2,2-Dichloropropane	ND		ug/l	250	--	100
1,2-Dibromoethane	ND		ug/l	200	--	100
1,3-Dichloropropane	ND		ug/l	250	--	100
1,1,1,2-Tetrachloroethane	ND		ug/l	50.0	--	100
Bromobenzene	ND		ug/l	250	--	100
n-Butylbenzene	ND		ug/l	50.0	--	100
sec-Butylbenzene	ND		ug/l	50.0	--	100
tert-Butylbenzene	ND		ug/l	250	--	100
o-Chlorotoluene	ND		ug/l	250	--	100
p-Chlorotoluene	ND		ug/l	250	--	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	--	100
Hexachlorobutadiene	ND		ug/l	60.0	--	100
Isopropylbenzene	ND		ug/l	50.0	--	100
p-Isopropyltoluene	ND		ug/l	50.0	--	100
Naphthalene	ND		ug/l	250	--	100
n-Propylbenzene	ND		ug/l	50.0	--	100
1,2,3-Trichlorobenzene	ND		ug/l	250	--	100
1,2,4-Trichlorobenzene	ND		ug/l	250	--	100
1,3,5-Trimethylbenzene	ND		ug/l	250	--	100
1,2,4-Trimethylbenzene	ND		ug/l	250	--	100
trans-1,4-Dichloro-2-butene	ND		ug/l	250	--	100
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	200	--	100

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-07	D	Date Collected:	09/25/13 15:32
Client ID:	MW-3		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-08	Date Collected:	09/25/13 16:16
Client ID:	MW 10	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/08/13 11:09		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	2.05		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	1.99		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-08 Date Collected: 09/25/13 16:16

Client ID: MW 10 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	1.12		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	5.78		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-08	Date Collected:	09/25/13 16:16
Client ID:	MW 10	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	114		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-09	Date Collected:	09/25/13 17:05
Client ID:	MW 92	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/06/13 03:25		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	ND		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-09 Date Collected: 09/25/13 17:05

Client ID: MW 92 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-09	Date Collected:	09/25/13 17:05
Client ID:	MW 92	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	116		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-10	Date Collected:	09/24/13 00:00
Client ID:	TRIP BLANK	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/06/13 17:40		
Analyst:	TR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	ND		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-10 Date Collected: 09/24/13 00:00

Client ID: TRIP BLANK Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-10	Date Collected:	09/24/13 00:00
Client ID:	TRIP BLANK	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-11	Date Collected:	09/25/13 09:15
Client ID:	MW 113	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/06/13 18:12		
Analyst:	TR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	71.7		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	2.16		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	5.03		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-11 Date Collected: 09/25/13 09:15

Client ID: MW 113 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	1.10		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-11	Date Collected:	09/25/13 09:15
Client ID:	MW 113	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-12	D	Date Collected:	09/25/13 11:25
Client ID:	MW 111		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 18:45			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	2000	--	400
1,1-Dichloroethane	ND		ug/l	300	--	400
Chloroform	ND		ug/l	300	--	400
Carbon tetrachloride	ND		ug/l	200	--	400
1,2-Dichloropropane	ND		ug/l	700	--	400
Dibromochloromethane	ND		ug/l	200	--	400
1,1,2-Trichloroethane	ND		ug/l	300	--	400
Tetrachloroethene	973.		ug/l	200	--	400
Chlorobenzene	ND		ug/l	200	--	400
Trichlorofluoromethane	ND		ug/l	1000	--	400
1,2-Dichloroethane	ND		ug/l	200	--	400
1,1,1-Trichloroethane	504.		ug/l	200	--	400
Bromodichloromethane	ND		ug/l	200	--	400
trans-1,3-Dichloropropene	ND		ug/l	200	--	400
cis-1,3-Dichloropropene	ND		ug/l	200	--	400
1,1-Dichloropropene	ND		ug/l	1000	--	400
Bromoform	ND		ug/l	800	--	400
1,1,2,2-Tetrachloroethane	ND		ug/l	200	--	400
Benzene	ND		ug/l	200	--	400
Toluene	ND		ug/l	300	--	400
Ethylbenzene	ND		ug/l	200	--	400
Chloromethane	ND		ug/l	1000	--	400
Bromomethane	ND		ug/l	400	--	400
Vinyl chloride	ND		ug/l	400	--	400
Chloroethane	ND		ug/l	400	--	400
1,1-Dichloroethene	ND		ug/l	200	--	400
trans-1,2-Dichloroethene	ND		ug/l	300	--	400
Trichloroethene	23400		ug/l	200	--	400
1,2-Dichlorobenzene	ND		ug/l	1000	--	400
1,3-Dichlorobenzene	ND		ug/l	1000	--	400
1,4-Dichlorobenzene	ND		ug/l	1000	--	400

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-12 D Date Collected: 09/25/13 11:25

Client ID: MW 111 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	400	--	400
p/m-Xylene	ND		ug/l	400	--	400
o-Xylene	ND		ug/l	400	--	400
Xylene (Total)	ND		ug/l	400	--	400
cis-1,2-Dichloroethene	ND		ug/l	200	--	400
Dibromomethane	ND		ug/l	2000	--	400
1,2,3-Trichloropropane	ND		ug/l	2000	--	400
Styrene	ND		ug/l	400	--	400
Dichlorodifluoromethane	ND		ug/l	2000	--	400
Acetone	ND		ug/l	2000	--	400
Carbon disulfide	ND		ug/l	2000	--	400
2-Butanone	ND		ug/l	2000	--	400
4-Methyl-2-pentanone	ND		ug/l	2000	--	400
2-Hexanone	ND		ug/l	2000	--	400
Acrylonitrile	ND		ug/l	2000	--	400
Tetrahydrofuran	ND		ug/l	2000	--	400
2,2-Dichloropropane	ND		ug/l	1000	--	400
1,2-Dibromoethane	ND		ug/l	800	--	400
1,3-Dichloropropane	ND		ug/l	1000	--	400
1,1,1,2-Tetrachloroethane	ND		ug/l	200	--	400
Bromobenzene	ND		ug/l	1000	--	400
n-Butylbenzene	ND		ug/l	200	--	400
sec-Butylbenzene	ND		ug/l	200	--	400
tert-Butylbenzene	ND		ug/l	1000	--	400
o-Chlorotoluene	ND		ug/l	1000	--	400
p-Chlorotoluene	ND		ug/l	1000	--	400
1,2-Dibromo-3-chloropropane	ND		ug/l	1000	--	400
Hexachlorobutadiene	ND		ug/l	240	--	400
Isopropylbenzene	ND		ug/l	200	--	400
p-Isopropyltoluene	ND		ug/l	200	--	400
Naphthalene	ND		ug/l	1000	--	400
n-Propylbenzene	ND		ug/l	200	--	400
1,2,3-Trichlorobenzene	ND		ug/l	1000	--	400
1,2,4-Trichlorobenzene	ND		ug/l	1000	--	400
1,3,5-Trimethylbenzene	ND		ug/l	1000	--	400
1,2,4-Trimethylbenzene	ND		ug/l	1000	--	400
trans-1,4-Dichloro-2-butene	ND		ug/l	1000	--	400
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	800	--	400

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-12	D	Date Collected:	09/25/13 11:25
Client ID:	MW 111		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-13	D	Date Collected:	09/25/13 13:30
Client ID:	MW 601B		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 19:17			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	100	--	20
1,1-Dichloroethane	ND		ug/l	15.0	--	20
Chloroform	ND		ug/l	15.0	--	20
Carbon tetrachloride	ND		ug/l	10.0	--	20
1,2-Dichloropropane	ND		ug/l	35.0	--	20
Dibromochloromethane	ND		ug/l	10.0	--	20
1,1,2-Trichloroethane	ND		ug/l	15.0	--	20
Tetrachloroethene	1070		ug/l	10.0	--	20
Chlorobenzene	ND		ug/l	10.0	--	20
Trichlorofluoromethane	ND		ug/l	50.0	--	20
1,2-Dichloroethane	ND		ug/l	10.0	--	20
1,1,1-Trichloroethane	942.		ug/l	10.0	--	20
Bromodichloromethane	ND		ug/l	10.0	--	20
trans-1,3-Dichloropropene	ND		ug/l	10.0	--	20
cis-1,3-Dichloropropene	ND		ug/l	10.0	--	20
1,1-Dichloropropene	ND		ug/l	50.0	--	20
Bromoform	ND		ug/l	40.0	--	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10.0	--	20
Benzene	ND		ug/l	10.0	--	20
Toluene	ND		ug/l	15.0	--	20
Ethylbenzene	ND		ug/l	10.0	--	20
Chloromethane	ND		ug/l	50.0	--	20
Bromomethane	ND		ug/l	20.0	--	20
Vinyl chloride	ND		ug/l	20.0	--	20
Chloroethane	ND		ug/l	20.0	--	20
1,1-Dichloroethene	289.		ug/l	10.0	--	20
trans-1,2-Dichloroethene	ND		ug/l	15.0	--	20
Trichloroethene	910.		ug/l	10.0	--	20
1,2-Dichlorobenzene	ND		ug/l	50.0	--	20
1,3-Dichlorobenzene	ND		ug/l	50.0	--	20
1,4-Dichlorobenzene	ND		ug/l	50.0	--	20

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-13 D Date Collected: 09/25/13 13:30

Client ID: MW 601B Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	20.0	--	20
p/m-Xylene	ND		ug/l	20.0	--	20
o-Xylene	ND		ug/l	20.0	--	20
Xylene (Total)	ND		ug/l	20.0	--	20
cis-1,2-Dichloroethene	ND		ug/l	10.0	--	20
Dibromomethane	ND		ug/l	100	--	20
1,2,3-Trichloropropane	ND		ug/l	100	--	20
Styrene	ND		ug/l	20.0	--	20
Dichlorodifluoromethane	ND		ug/l	100	--	20
Acetone	ND		ug/l	100	--	20
Carbon disulfide	ND		ug/l	100	--	20
2-Butanone	ND		ug/l	100	--	20
4-Methyl-2-pentanone	ND		ug/l	100	--	20
2-Hexanone	ND		ug/l	100	--	20
Acrylonitrile	ND		ug/l	100	--	20
Tetrahydrofuran	ND		ug/l	100	--	20
2,2-Dichloropropane	ND		ug/l	50.0	--	20
1,2-Dibromoethane	ND		ug/l	40.0	--	20
1,3-Dichloropropane	ND		ug/l	50.0	--	20
1,1,1,2-Tetrachloroethane	ND		ug/l	10.0	--	20
Bromobenzene	ND		ug/l	50.0	--	20
n-Butylbenzene	ND		ug/l	10.0	--	20
sec-Butylbenzene	ND		ug/l	10.0	--	20
tert-Butylbenzene	ND		ug/l	50.0	--	20
o-Chlorotoluene	ND		ug/l	50.0	--	20
p-Chlorotoluene	ND		ug/l	50.0	--	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50.0	--	20
Hexachlorobutadiene	ND		ug/l	12.0	--	20
Isopropylbenzene	ND		ug/l	10.0	--	20
p-Isopropyltoluene	ND		ug/l	10.0	--	20
Naphthalene	ND		ug/l	50.0	--	20
n-Propylbenzene	ND		ug/l	10.0	--	20
1,2,3-Trichlorobenzene	ND		ug/l	50.0	--	20
1,2,4-Trichlorobenzene	ND		ug/l	50.0	--	20
1,3,5-Trimethylbenzene	ND		ug/l	50.0	--	20
1,2,4-Trimethylbenzene	ND		ug/l	50.0	--	20
trans-1,4-Dichloro-2-butene	ND		ug/l	50.0	--	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	40.0	--	20

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-13	D	Date Collected:	09/25/13 13:30
Client ID:	MW 601B		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-14	D2	Date Collected:	09/25/13 14:50
Client ID:	MW 508		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/07/13 02:14			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Trichloroethene	373.		ug/l	5.00	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	112		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-14	D	Date Collected:	09/25/13 14:50
Client ID:	MW 508		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 19:50			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	12.5	--	2.5
1,1-Dichloroethane	2.03		ug/l	1.88	--	2.5
Chloroform	ND		ug/l	1.88	--	2.5
Carbon tetrachloride	ND		ug/l	1.25	--	2.5
1,2-Dichloropropane	ND		ug/l	4.38	--	2.5
Dibromochloromethane	ND		ug/l	1.25	--	2.5
1,1,2-Trichloroethane	ND		ug/l	1.88	--	2.5
Tetrachloroethene	7.82		ug/l	1.25	--	2.5
Chlorobenzene	ND		ug/l	1.25	--	2.5
Trichlorofluoromethane	ND		ug/l	6.25	--	2.5
1,2-Dichloroethane	ND		ug/l	1.25	--	2.5
1,1,1-Trichloroethane	6.87		ug/l	1.25	--	2.5
Bromodichloromethane	ND		ug/l	1.25	--	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.25	--	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.25	--	2.5
1,1-Dichloropropene	ND		ug/l	6.25	--	2.5
Bromoform	ND		ug/l	5.00	--	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.25	--	2.5
Benzene	ND		ug/l	1.25	--	2.5
Toluene	ND		ug/l	1.88	--	2.5
Ethylbenzene	ND		ug/l	1.25	--	2.5
Chloromethane	ND		ug/l	6.25	--	2.5
Bromomethane	ND		ug/l	2.50	--	2.5
Vinyl chloride	ND		ug/l	2.50	--	2.5
Chloroethane	ND		ug/l	2.50	--	2.5
1,1-Dichloroethene	1.28		ug/l	1.25	--	2.5
trans-1,2-Dichloroethene	ND		ug/l	1.88	--	2.5
Trichloroethene	410.	E	ug/l	1.25	--	2.5
1,2-Dichlorobenzene	ND		ug/l	6.25	--	2.5
1,3-Dichlorobenzene	ND		ug/l	6.25	--	2.5
1,4-Dichlorobenzene	ND		ug/l	6.25	--	2.5

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-14 D Date Collected: 09/25/13 14:50

Client ID: MW 508 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.50	--	2.5
p/m-Xylene	ND		ug/l	2.50	--	2.5
o-Xylene	ND		ug/l	2.50	--	2.5
Xylene (Total)	ND		ug/l	2.50	--	2.5
cis-1,2-Dichloroethene	9.00		ug/l	1.25	--	2.5
Dibromomethane	ND		ug/l	12.5	--	2.5
1,2,3-Trichloropropane	ND		ug/l	12.5	--	2.5
Styrene	ND		ug/l	2.50	--	2.5
Dichlorodifluoromethane	ND		ug/l	12.5	--	2.5
Acetone	ND		ug/l	12.5	--	2.5
Carbon disulfide	ND		ug/l	12.5	--	2.5
2-Butanone	ND		ug/l	12.5	--	2.5
4-Methyl-2-pentanone	ND		ug/l	12.5	--	2.5
2-Hexanone	ND		ug/l	12.5	--	2.5
Acrylonitrile	ND		ug/l	12.5	--	2.5
Tetrahydrofuran	ND		ug/l	12.5	--	2.5
2,2-Dichloropropane	ND		ug/l	6.25	--	2.5
1,2-Dibromoethane	ND		ug/l	5.00	--	2.5
1,3-Dichloropropane	ND		ug/l	6.25	--	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	1.25	--	2.5
Bromobenzene	ND		ug/l	6.25	--	2.5
n-Butylbenzene	ND		ug/l	1.25	--	2.5
sec-Butylbenzene	ND		ug/l	1.25	--	2.5
tert-Butylbenzene	ND		ug/l	6.25	--	2.5
o-Chlorotoluene	ND		ug/l	6.25	--	2.5
p-Chlorotoluene	ND		ug/l	6.25	--	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.25	--	2.5
Hexachlorobutadiene	ND		ug/l	1.50	--	2.5
Isopropylbenzene	ND		ug/l	1.25	--	2.5
p-Isopropyltoluene	ND		ug/l	1.25	--	2.5
Naphthalene	ND		ug/l	6.25	--	2.5
n-Propylbenzene	ND		ug/l	1.25	--	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.25	--	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.25	--	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.25	--	2.5
1,2,4-Trimethylbenzene	ND		ug/l	6.25	--	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.25	--	2.5
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	5.00	--	2.5

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-14	D	Date Collected:	09/25/13 14:50
Client ID:	MW 508		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-15	D	Date Collected:	09/25/13 16:55
Client ID:	MW 508C		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 20:22			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	1250	--	250
1,1-Dichloroethane	ND		ug/l	188	--	250
Chloroform	ND		ug/l	188	--	250
Carbon tetrachloride	ND		ug/l	125	--	250
1,2-Dichloropropane	ND		ug/l	438	--	250
Dibromochloromethane	ND		ug/l	125	--	250
1,1,2-Trichloroethane	ND		ug/l	188	--	250
Tetrachloroethene	536.		ug/l	125	--	250
Chlorobenzene	ND		ug/l	125	--	250
Trichlorofluoromethane	ND		ug/l	625	--	250
1,2-Dichloroethane	ND		ug/l	125	--	250
1,1,1-Trichloroethane	151.		ug/l	125	--	250
Bromodichloromethane	ND		ug/l	125	--	250
trans-1,3-Dichloropropene	ND		ug/l	125	--	250
cis-1,3-Dichloropropene	ND		ug/l	125	--	250
1,1-Dichloropropene	ND		ug/l	625	--	250
Bromoform	ND		ug/l	500	--	250
1,1,2,2-Tetrachloroethane	ND		ug/l	125	--	250
Benzene	ND		ug/l	125	--	250
Toluene	ND		ug/l	188	--	250
Ethylbenzene	ND		ug/l	125	--	250
Chloromethane	ND		ug/l	625	--	250
Bromomethane	ND		ug/l	250	--	250
Vinyl chloride	ND		ug/l	250	--	250
Chloroethane	ND		ug/l	250	--	250
1,1-Dichloroethene	224.		ug/l	125	--	250
trans-1,2-Dichloroethene	ND		ug/l	188	--	250
Trichloroethene	14500		ug/l	125	--	250
1,2-Dichlorobenzene	ND		ug/l	625	--	250
1,3-Dichlorobenzene	ND		ug/l	625	--	250
1,4-Dichlorobenzene	ND		ug/l	625	--	250

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-15 D Date Collected: 09/25/13 16:55

Client ID: MW 508C Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	250	--	250
p/m-Xylene	ND		ug/l	250	--	250
o-Xylene	ND		ug/l	250	--	250
Xylene (Total)	ND		ug/l	250	--	250
cis-1,2-Dichloroethene	225.		ug/l	125	--	250
Dibromomethane	ND		ug/l	1250	--	250
1,2,3-Trichloropropane	ND		ug/l	1250	--	250
Styrene	ND		ug/l	250	--	250
Dichlorodifluoromethane	ND		ug/l	1250	--	250
Acetone	ND		ug/l	1250	--	250
Carbon disulfide	ND		ug/l	1250	--	250
2-Butanone	ND		ug/l	1250	--	250
4-Methyl-2-pentanone	ND		ug/l	1250	--	250
2-Hexanone	ND		ug/l	1250	--	250
Acrylonitrile	ND		ug/l	1250	--	250
Tetrahydrofuran	ND		ug/l	1250	--	250
2,2-Dichloropropane	ND		ug/l	625	--	250
1,2-Dibromoethane	ND		ug/l	500	--	250
1,3-Dichloropropane	ND		ug/l	625	--	250
1,1,1,2-Tetrachloroethane	ND		ug/l	125	--	250
Bromobenzene	ND		ug/l	625	--	250
n-Butylbenzene	ND		ug/l	125	--	250
sec-Butylbenzene	ND		ug/l	125	--	250
tert-Butylbenzene	ND		ug/l	625	--	250
o-Chlorotoluene	ND		ug/l	625	--	250
p-Chlorotoluene	ND		ug/l	625	--	250
1,2-Dibromo-3-chloropropane	ND		ug/l	625	--	250
Hexachlorobutadiene	ND		ug/l	150	--	250
Isopropylbenzene	ND		ug/l	125	--	250
p-Isopropyltoluene	ND		ug/l	125	--	250
Naphthalene	ND		ug/l	625	--	250
n-Propylbenzene	ND		ug/l	125	--	250
1,2,3-Trichlorobenzene	ND		ug/l	625	--	250
1,2,4-Trichlorobenzene	ND		ug/l	625	--	250
1,3,5-Trimethylbenzene	ND		ug/l	625	--	250
1,2,4-Trimethylbenzene	ND		ug/l	625	--	250
trans-1,4-Dichloro-2-butene	ND		ug/l	625	--	250
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	500	--	250

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-15	D	Date Collected:	09/25/13 16:55
Client ID:	MW 508C		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-16	D	Date Collected:	09/25/13 16:55
Client ID:	MW 51		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 20:55			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	1250	--	250
1,1-Dichloroethane	ND		ug/l	188	--	250
Chloroform	ND		ug/l	188	--	250
Carbon tetrachloride	ND		ug/l	125	--	250
1,2-Dichloropropane	ND		ug/l	438	--	250
Dibromochloromethane	ND		ug/l	125	--	250
1,1,2-Trichloroethane	ND		ug/l	188	--	250
Tetrachloroethene	556.		ug/l	125	--	250
Chlorobenzene	ND		ug/l	125	--	250
Trichlorofluoromethane	ND		ug/l	625	--	250
1,2-Dichloroethane	ND		ug/l	125	--	250
1,1,1-Trichloroethane	154.		ug/l	125	--	250
Bromodichloromethane	ND		ug/l	125	--	250
trans-1,3-Dichloropropene	ND		ug/l	125	--	250
cis-1,3-Dichloropropene	ND		ug/l	125	--	250
1,1-Dichloropropene	ND		ug/l	625	--	250
Bromoform	ND		ug/l	500	--	250
1,1,2,2-Tetrachloroethane	ND		ug/l	125	--	250
Benzene	ND		ug/l	125	--	250
Toluene	ND		ug/l	188	--	250
Ethylbenzene	ND		ug/l	125	--	250
Chloromethane	ND		ug/l	625	--	250
Bromomethane	ND		ug/l	250	--	250
Vinyl chloride	ND		ug/l	250	--	250
Chloroethane	ND		ug/l	250	--	250
1,1-Dichloroethene	222.		ug/l	125	--	250
trans-1,2-Dichloroethene	ND		ug/l	188	--	250
Trichloroethene	15100		ug/l	125	--	250
1,2-Dichlorobenzene	ND		ug/l	625	--	250
1,3-Dichlorobenzene	ND		ug/l	625	--	250
1,4-Dichlorobenzene	ND		ug/l	625	--	250

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-16 D Date Collected: 09/25/13 16:55

Client ID: MW 51 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	250	--	250
p/m-Xylene	ND		ug/l	250	--	250
o-Xylene	ND		ug/l	250	--	250
Xylene (Total)	ND		ug/l	250	--	250
cis-1,2-Dichloroethene	213.		ug/l	125	--	250
Dibromomethane	ND		ug/l	1250	--	250
1,2,3-Trichloropropane	ND		ug/l	1250	--	250
Styrene	ND		ug/l	250	--	250
Dichlorodifluoromethane	ND		ug/l	1250	--	250
Acetone	ND		ug/l	1250	--	250
Carbon disulfide	ND		ug/l	1250	--	250
2-Butanone	ND		ug/l	1250	--	250
4-Methyl-2-pentanone	ND		ug/l	1250	--	250
2-Hexanone	ND		ug/l	1250	--	250
Acrylonitrile	ND		ug/l	1250	--	250
Tetrahydrofuran	ND		ug/l	1250	--	250
2,2-Dichloropropane	ND		ug/l	625	--	250
1,2-Dibromoethane	ND		ug/l	500	--	250
1,3-Dichloropropane	ND		ug/l	625	--	250
1,1,1,2-Tetrachloroethane	ND		ug/l	125	--	250
Bromobenzene	ND		ug/l	625	--	250
n-Butylbenzene	ND		ug/l	125	--	250
sec-Butylbenzene	ND		ug/l	125	--	250
tert-Butylbenzene	ND		ug/l	625	--	250
o-Chlorotoluene	ND		ug/l	625	--	250
p-Chlorotoluene	ND		ug/l	625	--	250
1,2-Dibromo-3-chloropropane	ND		ug/l	625	--	250
Hexachlorobutadiene	ND		ug/l	150	--	250
Isopropylbenzene	ND		ug/l	125	--	250
p-Isopropyltoluene	ND		ug/l	125	--	250
Naphthalene	ND		ug/l	625	--	250
n-Propylbenzene	ND		ug/l	125	--	250
1,2,3-Trichlorobenzene	ND		ug/l	625	--	250
1,2,4-Trichlorobenzene	ND		ug/l	625	--	250
1,3,5-Trimethylbenzene	ND		ug/l	625	--	250
1,2,4-Trimethylbenzene	ND		ug/l	625	--	250
trans-1,4-Dichloro-2-butene	ND		ug/l	625	--	250
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	500	--	250

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-16	D	Date Collected:	09/25/13 16:55
Client ID:	MW 51		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-17	Date Collected:	09/25/13 17:20
Client ID:	MW-91	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/06/13 21:27		
Analyst:	TR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	ND		ug/l	0.750	--	1
Chloroform	ND		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	ND		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	ND		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	ND		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	0.574		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-17 Date Collected: 09/25/13 17:20

Client ID: MW-91 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-17	Date Collected:	09/25/13 17:20
Client ID:	MW-91	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-18	Date Collected:	09/24/13 14:23
Client ID:	MW-14	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	77,8260C		
Analytical Date:	10/06/13 22:00		
Analyst:	TR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5.00	--	1
1,1-Dichloroethane	7.54		ug/l	0.750	--	1
Chloroform	0.796		ug/l	0.750	--	1
Carbon tetrachloride	ND		ug/l	0.500	--	1
1,2-Dichloropropane	ND		ug/l	1.75	--	1
Dibromochloromethane	ND		ug/l	0.500	--	1
1,1,2-Trichloroethane	ND		ug/l	0.750	--	1
Tetrachloroethene	0.564		ug/l	0.500	--	1
Chlorobenzene	ND		ug/l	0.500	--	1
Trichlorofluoromethane	ND		ug/l	2.50	--	1
1,2-Dichloroethane	ND		ug/l	0.500	--	1
1,1,1-Trichloroethane	26.7		ug/l	0.500	--	1
Bromodichloromethane	ND		ug/l	0.500	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.500	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.500	--	1
1,1-Dichloropropene	ND		ug/l	2.50	--	1
Bromoform	ND		ug/l	2.00	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Benzene	ND		ug/l	0.500	--	1
Toluene	ND		ug/l	0.750	--	1
Ethylbenzene	ND		ug/l	0.500	--	1
Chloromethane	ND		ug/l	2.50	--	1
Bromomethane	ND		ug/l	1.00	--	1
Vinyl chloride	ND		ug/l	1.00	--	1
Chloroethane	ND		ug/l	1.00	--	1
1,1-Dichloroethene	1.49		ug/l	0.500	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.750	--	1
Trichloroethene	17.4		ug/l	0.500	--	1
1,2-Dichlorobenzene	ND		ug/l	2.50	--	1
1,3-Dichlorobenzene	ND		ug/l	2.50	--	1
1,4-Dichlorobenzene	ND		ug/l	2.50	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-18 Date Collected: 09/24/13 14:23

Client ID: MW-14 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1.00	--	1
p/m-Xylene	ND		ug/l	1.00	--	1
o-Xylene	ND		ug/l	1.00	--	1
Xylene (Total)	ND		ug/l	1.00	--	1
cis-1,2-Dichloroethene	6.32		ug/l	0.500	--	1
Dibromomethane	ND		ug/l	5.00	--	1
1,2,3-Trichloropropane	ND		ug/l	5.00	--	1
Styrene	ND		ug/l	1.00	--	1
Dichlorodifluoromethane	ND		ug/l	5.00	--	1
Acetone	ND		ug/l	5.00	--	1
Carbon disulfide	ND		ug/l	5.00	--	1
2-Butanone	ND		ug/l	5.00	--	1
4-Methyl-2-pentanone	ND		ug/l	5.00	--	1
2-Hexanone	ND		ug/l	5.00	--	1
Acrylonitrile	ND		ug/l	5.00	--	1
Tetrahydrofuran	ND		ug/l	5.00	--	1
2,2-Dichloropropane	ND		ug/l	2.50	--	1
1,2-Dibromoethane	ND		ug/l	2.00	--	1
1,3-Dichloropropane	ND		ug/l	2.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--	1
Bromobenzene	ND		ug/l	2.50	--	1
n-Butylbenzene	ND		ug/l	0.500	--	1
sec-Butylbenzene	ND		ug/l	0.500	--	1
tert-Butylbenzene	ND		ug/l	2.50	--	1
o-Chlorotoluene	ND		ug/l	2.50	--	1
p-Chlorotoluene	ND		ug/l	2.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--	1
Hexachlorobutadiene	ND		ug/l	0.600	--	1
Isopropylbenzene	ND		ug/l	0.500	--	1
p-Isopropyltoluene	ND		ug/l	0.500	--	1
Naphthalene	ND		ug/l	2.50	--	1
n-Propylbenzene	ND		ug/l	0.500	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--	1

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-18	Date Collected:	09/24/13 14:23
Client ID:	MW-14	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-19	D	Date Collected:	09/25/13 16:25
Client ID:	MW-9		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	77,8260C			
Analytical Date:	10/06/13 22:32			
Analyst:	TR			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	5000	--	1000
1,1-Dichloroethane	ND		ug/l	750	--	1000
Chloroform	ND		ug/l	750	--	1000
Carbon tetrachloride	ND		ug/l	500	--	1000
1,2-Dichloropropane	ND		ug/l	1750	--	1000
Dibromochloromethane	ND		ug/l	500	--	1000
1,1,2-Trichloroethane	ND		ug/l	750	--	1000
Tetrachloroethene	ND		ug/l	500	--	1000
Chlorobenzene	ND		ug/l	500	--	1000
Trichlorofluoromethane	ND		ug/l	2500	--	1000
1,2-Dichloroethane	ND		ug/l	500	--	1000
1,1,1-Trichloroethane	37100		ug/l	500	--	1000
Bromodichloromethane	ND		ug/l	500	--	1000
trans-1,3-Dichloropropene	ND		ug/l	500	--	1000
cis-1,3-Dichloropropene	ND		ug/l	500	--	1000
1,1-Dichloropropene	ND		ug/l	2500	--	1000
Bromoform	ND		ug/l	2000	--	1000
1,1,2,2-Tetrachloroethane	ND		ug/l	500	--	1000
Benzene	ND		ug/l	500	--	1000
Toluene	ND		ug/l	750	--	1000
Ethylbenzene	ND		ug/l	500	--	1000
Chloromethane	ND		ug/l	2500	--	1000
Bromomethane	ND		ug/l	1000	--	1000
Vinyl chloride	ND		ug/l	1000	--	1000
Chloroethane	ND		ug/l	1000	--	1000
1,1-Dichloroethene	12700		ug/l	500	--	1000
trans-1,2-Dichloroethene	ND		ug/l	750	--	1000
Trichloroethene	994.		ug/l	500	--	1000
1,2-Dichlorobenzene	ND		ug/l	2500	--	1000
1,3-Dichlorobenzene	ND		ug/l	2500	--	1000
1,4-Dichlorobenzene	ND		ug/l	2500	--	1000

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-19 D Date Collected: 09/25/13 16:25

Client ID: MW-9 Date Received: 09/27/13

Sample Location: DANBURY, CT Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	1000	--	1000
p/m-Xylene	ND		ug/l	1000	--	1000
o-Xylene	ND		ug/l	1000	--	1000
Xylene (Total)	ND		ug/l	1000	--	1000
cis-1,2-Dichloroethene	ND		ug/l	500	--	1000
Dibromomethane	ND		ug/l	5000	--	1000
1,2,3-Trichloropropane	ND		ug/l	5000	--	1000
Styrene	ND		ug/l	1000	--	1000
Dichlorodifluoromethane	ND		ug/l	5000	--	1000
Acetone	ND		ug/l	5000	--	1000
Carbon disulfide	ND		ug/l	5000	--	1000
2-Butanone	ND		ug/l	5000	--	1000
4-Methyl-2-pentanone	ND		ug/l	5000	--	1000
2-Hexanone	ND		ug/l	5000	--	1000
Acrylonitrile	ND		ug/l	5000	--	1000
Tetrahydrofuran	ND		ug/l	5000	--	1000
2,2-Dichloropropane	ND		ug/l	2500	--	1000
1,2-Dibromoethane	ND		ug/l	2000	--	1000
1,3-Dichloropropane	ND		ug/l	2500	--	1000
1,1,1,2-Tetrachloroethane	ND		ug/l	500	--	1000
Bromobenzene	ND		ug/l	2500	--	1000
n-Butylbenzene	ND		ug/l	500	--	1000
sec-Butylbenzene	ND		ug/l	500	--	1000
tert-Butylbenzene	ND		ug/l	2500	--	1000
o-Chlorotoluene	ND		ug/l	2500	--	1000
p-Chlorotoluene	ND		ug/l	2500	--	1000
1,2-Dibromo-3-chloropropane	ND		ug/l	2500	--	1000
Hexachlorobutadiene	ND		ug/l	600	--	1000
Isopropylbenzene	ND		ug/l	500	--	1000
p-Isopropyltoluene	ND		ug/l	500	--	1000
Naphthalene	ND		ug/l	2500	--	1000
n-Propylbenzene	ND		ug/l	500	--	1000
1,2,3-Trichlorobenzene	ND		ug/l	2500	--	1000
1,2,4-Trichlorobenzene	ND		ug/l	2500	--	1000
1,3,5-Trimethylbenzene	ND		ug/l	2500	--	1000
1,2,4-Trimethylbenzene	ND		ug/l	2500	--	1000
trans-1,4-Dichloro-2-butene	ND		ug/l	2500	--	1000
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2000	--	1000

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-19	D	Date Collected:	09/25/13 16:25
Client ID:	MW-9		Date Received:	09/27/13
Sample Location:	DANBURY, CT		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Volatile Organics - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/04/13 19:32
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-02,05 Batch: WG641498-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/04/13 19:32
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-02,05 Batch: WG641498-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/04/13 19:32
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 01-02,05 Batch: WG641498-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/05/13 20:35
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 05-06,09 Batch: WG641498-6					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/05/13 20:35
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 05-06,09 Batch: WG641498-6					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/05/13 20:35
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 05-06,09 Batch: WG641498-6					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 23:06
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 02,06 Batch: WG641498-9					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 23:06
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 02,06 Batch: WG641498-9					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 23:06
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 02,06 Batch: WG641498-9					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 16:02
Analyst: TR

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 04,07,10-19 Batch: WG641696-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 16:02
Analyst: TR

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 04,07,10-19 Batch: WG641696-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 16:02
Analyst: TR

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 04,07,10-19 Batch: WG641696-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 23:06
Analyst: TR

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 14 Batch: WG641696-8					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 23:06
Analyst: TR

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 14 Batch: WG641696-8					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/06/13 23:06
Analyst: TR

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 14 Batch: WG641696-8					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/08/13 08:01
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 03,08 Batch: WG642124-3					
Methylene chloride	ND		ug/l	5.00	--
1,1-Dichloroethane	ND		ug/l	0.750	--
Chloroform	ND		ug/l	0.750	--
Carbon tetrachloride	ND		ug/l	0.500	--
1,2-Dichloropropane	ND		ug/l	1.75	--
Dibromochloromethane	ND		ug/l	0.500	--
1,1,2-Trichloroethane	ND		ug/l	0.750	--
Tetrachloroethene	ND		ug/l	0.500	--
Chlorobenzene	ND		ug/l	0.500	--
Trichlorofluoromethane	ND		ug/l	2.50	--
1,2-Dichloroethane	ND		ug/l	0.500	--
1,1,1-Trichloroethane	ND		ug/l	0.500	--
Bromodichloromethane	ND		ug/l	0.500	--
trans-1,3-Dichloropropene	ND		ug/l	0.500	--
cis-1,3-Dichloropropene	ND		ug/l	0.500	--
1,1-Dichloropropene	ND		ug/l	2.50	--
Bromoform	ND		ug/l	2.00	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.500	--
Benzene	ND		ug/l	0.500	--
Toluene	ND		ug/l	0.750	--
Ethylbenzene	ND		ug/l	0.500	--
Chloromethane	ND		ug/l	2.50	--
Bromomethane	ND		ug/l	1.00	--
Vinyl chloride	ND		ug/l	1.00	--
Chloroethane	ND		ug/l	1.00	--
1,1-Dichloroethene	ND		ug/l	0.500	--
trans-1,2-Dichloroethene	ND		ug/l	0.750	--
Trichloroethene	ND		ug/l	0.500	--
1,2-Dichlorobenzene	ND		ug/l	2.50	--
1,3-Dichlorobenzene	ND		ug/l	2.50	--
1,4-Dichlorobenzene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/08/13 08:01
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 03,08 Batch: WG642124-3					
Methyl tert butyl ether	ND		ug/l	1.00	--
p/m-Xylene	ND		ug/l	1.00	--
o-Xylene	ND		ug/l	1.00	--
Xylene (Total)	ND		ug/l	1.00	--
cis-1,2-Dichloroethene	ND		ug/l	0.500	--
Dibromomethane	ND		ug/l	5.00	--
1,2,3-Trichloropropane	ND		ug/l	5.00	--
Styrene	ND		ug/l	1.00	--
Dichlorodifluoromethane	ND		ug/l	5.00	--
Acetone	ND		ug/l	5.00	--
Carbon disulfide	ND		ug/l	5.00	--
2-Butanone	ND		ug/l	5.00	--
4-Methyl-2-pentanone	ND		ug/l	5.00	--
2-Hexanone	ND		ug/l	5.00	--
Acrylonitrile	ND		ug/l	5.00	--
Tetrahydrofuran	ND		ug/l	5.00	--
2,2-Dichloropropane	ND		ug/l	2.50	--
1,2-Dibromoethane	ND		ug/l	2.00	--
1,3-Dichloropropane	ND		ug/l	2.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.500	--
Bromobenzene	ND		ug/l	2.50	--
n-Butylbenzene	ND		ug/l	0.500	--
sec-Butylbenzene	ND		ug/l	0.500	--
tert-Butylbenzene	ND		ug/l	2.50	--
o-Chlorotoluene	ND		ug/l	2.50	--
p-Chlorotoluene	ND		ug/l	2.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.50	--
Hexachlorobutadiene	ND		ug/l	0.600	--
Isopropylbenzene	ND		ug/l	0.500	--
p-Isopropyltoluene	ND		ug/l	0.500	--
Naphthalene	ND		ug/l	2.50	--

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 77,8260C
Analytical Date: 10/08/13 08:01
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Volatile Organics - Westborough Lab for sample(s): 03,08 Batch: WG642124-3					
n-Propylbenzene	ND		ug/l	0.500	--
1,2,3-Trichlorobenzene	ND		ug/l	2.50	--
1,2,4-Trichlorobenzene	ND		ug/l	2.50	--
1,3,5-Trimethylbenzene	ND		ug/l	2.50	--
1,2,4-Trimethylbenzene	ND		ug/l	2.50	--
trans-1,4-Dichloro-2-butene	ND		ug/l	2.50	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.00	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02,05 Batch: WG641498-1 WG641498-2								
Methylene chloride	81		80		70-130	1		30
1,1-Dichloroethane	96		95		70-130	1		30
Chloroform	103		103		70-130	0		30
Carbon tetrachloride	120		121		70-130	1		30
1,2-Dichloropropane	85		83		70-130	2		30
Dibromochloromethane	88		89		70-130	1		30
1,1,2-Trichloroethane	80		81		70-130	1		30
Tetrachloroethene	102		101		70-130	1		30
Chlorobenzene	91		90		70-130	1		30
Trichlorofluoromethane	123		122		70-130	1		30
1,2-Dichloroethane	101		100		70-130	1		30
1,1,1-Trichloroethane	108		108		70-130	0		30
Bromodichloromethane	97		97		70-130	0		30
trans-1,3-Dichloropropene	72		74		70-130	3		30
cis-1,3-Dichloropropene	78		80		70-130	3		30
1,1-Dichloropropene	101		99		70-130	2		30
Bromoform	70		73		54-136	4		30
1,1,2,2-Tetrachloroethane	70		71		70-130	1		30
Benzene	92		90		70-130	2		30
Toluene	88		85		70-130	3		30
Ethylbenzene	98		96		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02,05 Batch: WG641498-1 WG641498-2								
Chloromethane	88		88		64-130	0		30
Bromomethane	79		84		39-139	6		30
Vinyl chloride	107		106		70-130	1		30
Chloroethane	98		96		70-130	2		30
1,1-Dichloroethene	98		96		70-130	2		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	99		97		70-130	2		30
1,2-Dichlorobenzene	85		84		70-130	1		30
1,3-Dichlorobenzene	87		87		70-130	0		30
1,4-Dichlorobenzene	86		86		70-130	0		30
Methyl tert butyl ether	72		72		70-130	0		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	93		92		70-130	1		30
Dibromomethane	88		88		70-130	0		30
1,2,3-Trichloropropane	70		70		70-130	0		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	113		112		36-147	1		30
Acetone	82		86		58-148	5		30
Carbon disulfide	92		88		51-130	4		30
2-Butanone	74		72		63-138	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02,05 Batch: WG641498-1 WG641498-2								
4-Methyl-2-pentanone	63		64		59-130	2		30
2-Hexanone	69		69		57-130	0		30
Acrylonitrile	75		75		70-130	0		30
Tetrahydrofuran	**69**	Q	**69**	Q	70-130	0		30
2,2-Dichloropropane	83		81		63-133	2		30
1,2-Dibromoethane	80		79		70-130	1		30
1,3-Dichloropropane	80		78		70-130	3		30
1,1,1,2-Tetrachloroethane	90		92		70-130	2		30
Bromobenzene	84		85		70-130	1		30
n-Butylbenzene	98		95		70-130	3		30
sec-Butylbenzene	97		94		70-130	3		30
tert-Butylbenzene	96		94		70-130	2		30
o-Chlorotoluene	90		89		70-130	1		30
p-Chlorotoluene	88		88		70-130	0		30
1,2-Dibromo-3-chloropropane	67		69		41-144	3		30
Hexachlorobutadiene	104		99		70-130	5		30
Isopropylbenzene	102		99		70-130	3		30
p-Isopropyltoluene	96		94		70-130	2		30
Naphthalene	71		71		70-130	0		30
n-Propylbenzene	92		91		70-130	1		30
1,2,3-Trichlorobenzene	80		80		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 01-02,05 Batch: WG641498-1 WG641498-2								
1,2,4-Trichlorobenzene	85		84		70-130	1		30
1,3,5-Trimethylbenzene	94		91		70-130	3		30
1,2,4-Trimethylbenzene	92		89		70-130	3		30
trans-1,4-Dichloro-2-butene	**64**	Q	**68**	Q	70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		106		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	109		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 05-06,09 Batch: WG641498-4 WG641498-5								
Methylene chloride	95		94		70-130	15		30
1,1-Dichloroethane	110		111		70-130	14		30
Chloroform	119		120		70-130	15		30
Carbon tetrachloride	**135**	Q	**137**	Q	70-130	13		30
1,2-Dichloropropane	100		102		70-130	18		30
Dibromochloromethane	104		103		70-130	16		30
1,1,2-Trichloroethane	92		94		70-130	16		30
Tetrachloroethene	110		114		70-130	11		30
Chlorobenzene	105		106		70-130	15		30
Trichlorofluoromethane	**135**	Q	**141**	Q	70-130	14		30
1,2-Dichloroethane	117		119		70-130	16		30
1,1,1-Trichloroethane	123		125		70-130	15		30
Bromodichloromethane	115		115		70-130	17		30
trans-1,3-Dichloropropene	86		86		70-130	18		30
cis-1,3-Dichloropropene	96		95		70-130	20		30
1,1-Dichloropropene	114		117		70-130	15		30
Bromoform	88		83		54-136	17		30
1,1,2,2-Tetrachloroethane	83		83		70-130	17		30
Benzene	104		106		70-130	14		30
Toluene	98		99		70-130	12		30
Ethylbenzene	109		110		70-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 05-06,09 Batch: WG641498-4 WG641498-5								
Chloromethane	100		100		64-130	13		30
Bromomethane	99		93		39-139	16		30
Vinyl chloride	117		120		70-130	11		30
Chloroethane	103		107		70-130	9		30
1,1-Dichloroethene	107		110		70-130	12		30
trans-1,2-Dichloroethene	108		109		70-130	13		30
Trichloroethene	112		114		70-130	14		30
1,2-Dichlorobenzene	98		100		70-130	16		30
1,3-Dichlorobenzene	101		101		70-130	15		30
1,4-Dichlorobenzene	99		101		70-130	16		30
Methyl tert butyl ether	86		87		70-130	19		30
p/m-Xylene	107		107		70-130	13		30
o-Xylene	107		108		70-130	14		30
cis-1,2-Dichloroethene	107		110		70-130	17		30
Dibromomethane	105		105		70-130	18		30
1,2,3-Trichloropropane	82		82		70-130	16		30
Styrene	106		107		70-130	15		30
Dichlorodifluoromethane	127		134		36-147	17		30
Acetone	96		102		58-148	22		30
Carbon disulfide	96		99		51-130	7		30
2-Butanone	90		96		63-138	26		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 05-06,09 Batch: WG641498-4 WG641498-5								
4-Methyl-2-pentanone	80		82		59-130	26		30
2-Hexanone	83		83		57-130	18		30
Acrylonitrile	86		89		70-130	17		30
Tetrahydrofuran	84		84		70-130	20		30
2,2-Dichloropropane	94		95		63-133	13		30
1,2-Dibromoethane	95		94		70-130	16		30
1,3-Dichloropropane	91		93		70-130	15		30
1,1,1,2-Tetrachloroethane	106		105		70-130	15		30
Bromobenzene	98		99		70-130	16		30
n-Butylbenzene	106		107		70-130	9		30
sec-Butylbenzene	104		106		70-130	9		30
tert-Butylbenzene	105		107		70-130	11		30
o-Chlorotoluene	102		103		70-130	13		30
p-Chlorotoluene	100		102		70-130	15		30
1,2-Dibromo-3-chloropropane	84		79		41-144	16		30
Hexachlorobutadiene	112		112		70-130	7		30
Isopropylbenzene	112		114		70-130	11		30
p-Isopropyltoluene	106		107		70-130	11		30
Naphthalene	85		84		70-130	17		30
n-Propylbenzene	102		104		70-130	12		30
1,2,3-Trichlorobenzene	96		95		70-130	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 05-06,09 Batch: WG641498-4 WG641498-5								
1,2,4-Trichlorobenzene	99		101		70-130	17		30
1,3,5-Trimethylbenzene	105		105		70-130	11		30
1,2,4-Trimethylbenzene	104		104		70-130	12		30
trans-1,4-Dichloro-2-butene	79		76		70-130	17		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	122		127		70-130	17		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	109		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 02,06 Batch: WG641498-7 WG641498-8								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	108		108		70-130	0		30
Chloroform	117		118		70-130	1		30
Carbon tetrachloride	130		**133**	Q	70-130	2		30
1,2-Dichloropropane	97		98		70-130	1		30
Dibromochloromethane	93		97		70-130	4		30
1,1,2-Trichloroethane	86		87		70-130	1		30
Tetrachloroethene	114		114		70-130	0		30
Chlorobenzene	101		104		70-130	3		30
Trichlorofluoromethane	**134**	Q	**137**	Q	70-130	2		30
1,2-Dichloroethane	113		112		70-130	1		30
1,1,1-Trichloroethane	123		125		70-130	2		30
Bromodichloromethane	108		111		70-130	3		30
trans-1,3-Dichloropropene	80		83		70-130	4		30
cis-1,3-Dichloropropene	90		94		70-130	4		30
1,1-Dichloropropene	116		116		70-130	0		30
Bromoform	74		78		54-136	5		30
1,1,2,2-Tetrachloroethane	74		76		70-130	3		30
Benzene	103		104		70-130	1		30
Toluene	96		96		70-130	0		30
Ethylbenzene	108		109		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 02,06 Batch: WG641498-7 WG641498-8								
Chloromethane	105		103		64-130	2		30
Bromomethane	106		104		39-139	2		30
Vinyl chloride	115		115		70-130	0		30
Chloroethane	103		104		70-130	1		30
1,1-Dichloroethene	105		108		70-130	3		30
trans-1,2-Dichloroethene	108		108		70-130	0		30
Trichloroethene	112		114		70-130	2		30
1,2-Dichlorobenzene	94		95		70-130	1		30
1,3-Dichlorobenzene	98		100		70-130	2		30
1,4-Dichlorobenzene	96		98		70-130	2		30
Methyl tert butyl ether	79		79		70-130	0		30
p/m-Xylene	105		107		70-130	2		30
o-Xylene	104		106		70-130	2		30
cis-1,2-Dichloroethene	104		106		70-130	2		30
Dibromomethane	98		100		70-130	2		30
1,2,3-Trichloropropane	74		77		70-130	4		30
Styrene	102		104		70-130	2		30
Dichlorodifluoromethane	118		116		36-147	2		30
Acetone	105		92		58-148	13		30
Carbon disulfide	97		99		51-130	2		30
2-Butanone	90		84		63-138	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 02,06 Batch: WG641498-7 WG641498-8								
4-Methyl-2-pentanone	69		70		59-130	1		30
2-Hexanone	74		72		57-130	3		30
Acrylonitrile	80		80		70-130	0		30
Tetrahydrofuran	72		75		70-130	4		30
2,2-Dichloropropane	97		99		63-133	2		30
1,2-Dibromoethane	88		88		70-130	0		30
1,3-Dichloropropane	85		87		70-130	2		30
1,1,1,2-Tetrachloroethane	99		102		70-130	3		30
Bromobenzene	93		97		70-130	4		30
n-Butylbenzene	108		108		70-130	0		30
sec-Butylbenzene	107		109		70-130	2		30
tert-Butylbenzene	106		108		70-130	2		30
o-Chlorotoluene	100		101		70-130	1		30
p-Chlorotoluene	98		100		70-130	2		30
1,2-Dibromo-3-chloropropane	67		70		41-144	4		30
Hexachlorobutadiene	116		116		70-130	0		30
Isopropylbenzene	114		116		70-130	2		30
p-Isopropyltoluene	108		108		70-130	0		30
Naphthalene	75		76		70-130	1		30
n-Propylbenzene	102		104		70-130	2		30
1,2,3-Trichlorobenzene	86		88		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Lab Number: L1319526
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 02,06 Batch: WG641498-7 WG641498-8								
1,2,4-Trichlorobenzene	92		95		70-130	3		30
1,3,5-Trimethylbenzene	104		105		70-130	1		30
1,2,4-Trimethylbenzene	101		103		70-130	2		30
trans-1,4-Dichloro-2-butene	71		73		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		123		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	110		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 Batch: WG641696-1 WG641696-2								
Methylene chloride	96		93		70-130	3		30
1,1-Dichloroethane	94		90		70-130	4		30
Chloroform	107		102		70-130	5		30
Carbon tetrachloride	104		95		70-130	9		30
1,2-Dichloropropane	100		102		70-130	2		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	105		108		70-130	3		30
Tetrachloroethene	107		102		70-130	5		30
Chlorobenzene	100		102		70-130	2		30
Trichlorofluoromethane	104		91		70-130	13		30
1,2-Dichloroethane	101		102		70-130	1		30
1,1,1-Trichloroethane	104		98		70-130	6		30
Bromodichloromethane	98		96		70-130	2		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	95		94		70-130	1		30
1,1-Dichloropropene	103		98		70-130	5		30
Bromoform	91		92		54-136	1		30
1,1,2,2-Tetrachloroethane	99		102		70-130	3		30
Benzene	102		99		70-130	3		30
Toluene	106		102		70-130	4		30
Ethylbenzene	106		102		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 Batch: WG641696-1 WG641696-2								
Chloromethane	79		77		64-130	3		30
Bromomethane	84		83		39-139	1		30
Vinyl chloride	86		77		70-130	11		30
Chloroethane	87		80		70-130	8		30
1,1-Dichloroethene	101		94		70-130	7		30
trans-1,2-Dichloroethene	93		92		70-130	1		30
Trichloroethene	103		99		70-130	4		30
1,2-Dichlorobenzene	104		107		70-130	3		30
1,3-Dichlorobenzene	106		105		70-130	1		30
1,4-Dichlorobenzene	102		102		70-130	0		30
Methyl tert butyl ether	94		94		70-130	0		30
p/m-Xylene	106		102		70-130	4		30
o-Xylene	105		105		70-130	0		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Dibromomethane	96		98		70-130	2		30
1,2,3-Trichloropropane	100		101		70-130	1		30
Styrene	106		104		70-130	2		30
Dichlorodifluoromethane	78		68		36-147	14		30
Acetone	69		76		58-148	10		30
Carbon disulfide	87		83		51-130	5		30
2-Butanone	82		85		63-138	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 Batch: WG641696-1 WG641696-2								
4-Methyl-2-pentanone	87		90		59-130	3		30
2-Hexanone	74		74		57-130	0		30
Acrylonitrile	83		91		70-130	9		30
Tetrahydrofuran	96		98		70-130	2		30
2,2-Dichloropropane	105		99		63-133	6		30
1,2-Dibromoethane	101		101		70-130	0		30
1,3-Dichloropropane	104		105		70-130	1		30
1,1,1,2-Tetrachloroethane	101		100		70-130	1		30
Bromobenzene	101		104		70-130	3		30
n-Butylbenzene	106		106		70-130	0		30
sec-Butylbenzene	105		101		70-130	4		30
tert-Butylbenzene	102		101		70-130	1		30
o-Chlorotoluene	103		102		70-130	1		30
p-Chlorotoluene	103		103		70-130	0		30
1,2-Dibromo-3-chloropropane	90		110		41-144	20		30
Hexachlorobutadiene	115		111		70-130	4		30
Isopropylbenzene	103		100		70-130	3		30
p-Isopropyltoluene	105		104		70-130	1		30
Naphthalene	106		108		70-130	2		30
n-Propylbenzene	104		102		70-130	2		30
1,2,3-Trichlorobenzene	116		117		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 Batch: WG641696-1 WG641696-2								
1,2,4-Trichlorobenzene	106		105		70-130	1		30
1,3,5-Trimethylbenzene	102		102		70-130	0		30
1,2,4-Trimethylbenzene	107		105		70-130	2		30
trans-1,4-Dichloro-2-butene	94		83		70-130	12		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		96		70-130	16		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		97		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	102		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 14 Batch: WG641696-6 WG641696-7								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	108		108		70-130	0		30
Chloroform	117		118		70-130	1		30
Carbon tetrachloride	130		**133**	Q	70-130	2		30
1,2-Dichloropropane	97		98		70-130	1		30
Dibromochloromethane	93		97		70-130	4		30
1,1,2-Trichloroethane	86		87		70-130	1		30
Tetrachloroethene	114		114		70-130	0		30
Chlorobenzene	101		104		70-130	3		30
Trichlorofluoromethane	**134**	Q	**137**	Q	70-130	2		30
1,2-Dichloroethane	113		112		70-130	1		30
1,1,1-Trichloroethane	123		125		70-130	2		30
Bromodichloromethane	108		111		70-130	3		30
trans-1,3-Dichloropropene	80		83		70-130	4		30
cis-1,3-Dichloropropene	90		94		70-130	4		30
1,1-Dichloropropene	116		116		70-130	0		30
Bromoform	74		78		54-136	5		30
1,1,2,2-Tetrachloroethane	74		76		70-130	3		30
Benzene	103		104		70-130	1		30
Toluene	96		96		70-130	0		30
Ethylbenzene	108		109		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 14 Batch: WG641696-6 WG641696-7								
Chloromethane	105		103		64-130	2		30
Bromomethane	106		104		39-139	2		30
Vinyl chloride	115		115		70-130	0		30
Chloroethane	103		104		70-130	1		30
1,1-Dichloroethene	105		108		70-130	3		30
trans-1,2-Dichloroethene	108		108		70-130	0		30
Trichloroethene	112		114		70-130	2		30
1,2-Dichlorobenzene	94		95		70-130	1		30
1,3-Dichlorobenzene	98		100		70-130	2		30
1,4-Dichlorobenzene	96		98		70-130	2		30
Methyl tert butyl ether	79		79		70-130	0		30
p/m-Xylene	105		107		70-130	2		30
o-Xylene	104		106		70-130	2		30
cis-1,2-Dichloroethene	104		106		70-130	2		30
Dibromomethane	98		100		70-130	2		30
1,2,3-Trichloropropane	74		77		70-130	4		30
Styrene	102		104		70-130	2		30
Dichlorodifluoromethane	118		116		36-147	2		30
Acetone	105		92		58-148	13		30
Carbon disulfide	97		99		51-130	2		30
2-Butanone	90		84		63-138	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 14 Batch: WG641696-6 WG641696-7								
4-Methyl-2-pentanone	69		70		59-130	1		30
2-Hexanone	74		72		57-130	3		30
Acrylonitrile	80		80		70-130	0		30
Tetrahydrofuran	72		75		70-130	4		30
2,2-Dichloropropane	97		99		63-133	2		30
1,2-Dibromoethane	88		88		70-130	0		30
1,3-Dichloropropane	85		87		70-130	2		30
1,1,1,2-Tetrachloroethane	99		102		70-130	3		30
Bromobenzene	93		97		70-130	4		30
n-Butylbenzene	108		108		70-130	0		30
sec-Butylbenzene	107		109		70-130	2		30
tert-Butylbenzene	106		108		70-130	2		30
o-Chlorotoluene	100		101		70-130	1		30
p-Chlorotoluene	98		100		70-130	2		30
1,2-Dibromo-3-chloropropane	67		70		41-144	4		30
Hexachlorobutadiene	116		116		70-130	0		30
Isopropylbenzene	114		116		70-130	2		30
p-Isopropyltoluene	108		108		70-130	0		30
Naphthalene	75		76		70-130	1		30
n-Propylbenzene	102		104		70-130	2		30
1,2,3-Trichlorobenzene	86		88		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 14 Batch: WG641696-6 WG641696-7								
1,2,4-Trichlorobenzene	92		95		70-130	3		30
1,3,5-Trimethylbenzene	104		105		70-130	1		30
1,2,4-Trimethylbenzene	101		103		70-130	2		30
trans-1,4-Dichloro-2-butene	71		73		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		123		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
Toluene-d8	96		97		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	110		109		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 03,08 Batch: WG642124-1 WG642124-2								
Methylene chloride	97		94		70-130	3		30
1,1-Dichloroethane	108		108		70-130	0		30
Chloroform	115		114		70-130	1		30
Carbon tetrachloride	**138**	Q	**142**	Q	70-130	3		30
1,2-Dichloropropane	95		93		70-130	2		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	83		82		70-130	1		30
Tetrachloroethene	112		111		70-130	1		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	**137**	Q	**140**	Q	70-130	2		30
1,2-Dichloroethane	113		110		70-130	3		30
1,1,1-Trichloroethane	120		123		70-130	2		30
Bromodichloromethane	108		108		70-130	0		30
trans-1,3-Dichloropropene	77		79		70-130	3		30
cis-1,3-Dichloropropene	90		91		70-130	1		30
1,1-Dichloropropene	115		115		70-130	0		30
Bromoform	76		77		54-136	1		30
1,1,2,2-Tetrachloroethane	71		**68**	Q	70-130	4		30
Benzene	104		103		70-130	1		30
Toluene	93		92		70-130	1		30
Ethylbenzene	106		105		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 03,08 Batch: WG642124-1 WG642124-2								
Chloromethane	116		109		64-130	6		30
Bromomethane	110		114		39-139	4		30
Vinyl chloride	123		120		70-130	2		30
Chloroethane	112		108		70-130	4		30
1,1-Dichloroethene	110		109		70-130	1		30
trans-1,2-Dichloroethene	109		108		70-130	1		30
Trichloroethene	113		114		70-130	1		30
1,2-Dichlorobenzene	90		88		70-130	2		30
1,3-Dichlorobenzene	95		92		70-130	3		30
1,4-Dichlorobenzene	92		91		70-130	1		30
Methyl tert butyl ether	79		76		70-130	4		30
p/m-Xylene	104		102		70-130	2		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	106		104		70-130	2		30
Dibromomethane	99		96		70-130	3		30
1,2,3-Trichloropropane	72		**69**	Q	70-130	4		30
Styrene	99		98		70-130	1		30
Dichlorodifluoromethane	131		130		36-147	1		30
Acetone	**149**	Q	99		58-148	**40**	Q	30
Carbon disulfide	110		108		51-130	2		30
2-Butanone	112		83		63-138	30		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 03,08 Batch: WG642124-1 WG642124-2								
4-Methyl-2-pentanone	70		66		59-130	6		30
2-Hexanone	99		71		57-130	**33**	Q	30
Acrylonitrile	82		78		70-130	5		30
Tetrahydrofuran	75		74		70-130	1		30
2,2-Dichloropropane	97		99		63-133	2		30
1,2-Dibromoethane	85		83		70-130	2		30
1,3-Dichloropropane	83		80		70-130	4		30
1,1,1,2-Tetrachloroethane	98		99		70-130	1		30
Bromobenzene	91		88		70-130	3		30
n-Butylbenzene	110		107		70-130	3		30
sec-Butylbenzene	109		107		70-130	2		30
tert-Butylbenzene	106		104		70-130	2		30
o-Chlorotoluene	96		95		70-130	1		30
p-Chlorotoluene	95		94		70-130	1		30
1,2-Dibromo-3-chloropropane	65		68		41-144	5		30
Hexachlorobutadiene	120		115		70-130	4		30
Isopropylbenzene	113		111		70-130	2		30
p-Isopropyltoluene	108		106		70-130	2		30
Naphthalene	71		70		70-130	1		30
n-Propylbenzene	102		100		70-130	2		30
1,2,3-Trichlorobenzene	81		80		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 03,08 Batch: WG642124-1 WG642124-2								
1,2,4-Trichlorobenzene	89		87		70-130	2		30
1,3,5-Trimethylbenzene	102		100		70-130	2		30
1,2,4-Trimethylbenzene	98		98		70-130	0		30
trans-1,4-Dichloro-2-butene	70		70		70-130	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	122		120		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		105		70-130
Toluene-d8	95		96		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	110		109		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 QC Batch ID: WG641696-4 WG641696-5 QC Sample: L1319526-07 Client ID: MW-3												
Methylene chloride	ND	1000	912	91		922	92		70-130	1		30
1,1-Dichloroethane	ND	1000	904	90		903	90		70-130	0		30
Chloroform	ND	1000	1000	100		1010	101		70-130	1		30
Carbon tetrachloride	ND	1000	961	96		942	94		70-130	2		30
1,2-Dichloropropane	ND	1000	990	99		944	94		70-130	5		30
Dibromochloromethane	ND	1000	990	99		922	92		70-130	7		30
1,1,2-Trichloroethane	ND	1000	1100	110		1030	103		70-130	7		30
Tetrachloroethene	ND	1000	1010	101		976	98		70-130	3		30
Chlorobenzene	ND	1000	994	99		948	95		70-130	5		30
Trichlorofluoromethane	ND	1000	922	92		900	90		70-130	2		30
1,2-Dichloroethane	ND	1000	1000	100		1020	102		70-130	2		30
1,1,1-Trichloroethane	192	1000	1180	99		1170	98		70-130	1		30
Bromodichloromethane	ND	1000	990	99		970	97		70-130	2		30
trans-1,3-Dichloropropene	ND	1000	976	98		921	92		70-130	6		30
cis-1,3-Dichloropropene	ND	1000	876	88		872	87		70-130	0		30
1,1-Dichloropropene	ND	1000	973	97		932	93		70-130	4		30
Bromoform	ND	1000	929	93		935	94		54-136	1		30
1,1,2,2-Tetrachloroethane	ND	1000	1040	104		1030	103		70-130	1		30
Benzene	ND	1000	968	97		961	96		70-130	1		30
Toluene	ND	1000	1030	103		965	96		70-130	7		30
Ethylbenzene	ND	1000	1000	100		974	97		70-130	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 QC Batch ID: WG641696-4 WG641696-5 QC Sample: L1319526-07 Client ID: MW-3												
Chloromethane	ND	1000	781	78		722	72		64-130	8		30
Bromomethane	ND	1000	812	81		824	82		39-139	1		30
Vinyl chloride	ND	1000	811	81		759	76		70-130	7		30
Chloroethane	ND	1000	843	84		781	78		70-130	8		30
1,1-Dichloroethene	69.7	1000	1020	95		984	91		70-130	4		30
trans-1,2-Dichloroethene	ND	1000	886	89		892	89		70-130	1		30
Trichloroethene	7260	1000	8160	90		8320	106		70-130	2		30
1,2-Dichlorobenzene	ND	1000	995	100		999	100		70-130	0		30
1,3-Dichlorobenzene	ND	1000	1000	100		967	97		70-130	3		30
1,4-Dichlorobenzene	ND	1000	968	97		959	96		70-130	1		30
Methyl tert butyl ether	ND	1000	960	96		912	91		70-130	5		30
p/m-Xylene	ND	2000	2020	101		1940	97		70-130	4		30
o-Xylene	ND	2000	2060	103		1990	99		70-130	3		30
cis-1,2-Dichloroethene	ND	1000	1040	104		1040	104		70-130	0		30
Dibromomethane	ND	1000	940	94		978	98		70-130	4		30
1,2,3-Trichloropropane	ND	1000	1040	104		994	99		70-130	5		30
Styrene	ND	2000	2050	102		1990	100		70-130	3		30
Dichlorodifluoromethane	ND	1000	712	71		654	65		36-147	8		30
Acetone	ND	1000	594	59		503	**50**	Q	58-148	17		30
Carbon disulfide	ND	1000	823	82		807	81		51-130	2		30
2-Butanone	ND	1000	783	78		807	81		63-138	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 QC Batch ID: WG641696-4 WG641696-5 QC Sample: L1319526-07 Client ID: MW-3												
4-Methyl-2-pentanone	ND	1000	936	94		916	92		59-130	2		30
2-Hexanone	ND	1000	736	74		730	73		57-130	1		30
Acrylonitrile	ND	1000	964	96		899	90		70-130	7		30
Tetrahydrofuran	ND	1000	941	94		990	99		70-130	5		30
2,2-Dichloropropane	ND	1000	853	85		856	86		63-133	0		30
1,2-Dibromoethane	ND	1000	1030	103		983	98		70-130	5		30
1,3-Dichloropropane	ND	1000	1040	104		998	100		70-130	4		30
1,1,1,2-Tetrachloroethane	ND	1000	981	98		950	95		70-130	3		30
Bromobenzene	ND	1000	960	96		950	95		70-130	1		30
n-Butylbenzene	ND	1000	974	97		959	96		70-130	2		30
sec-Butylbenzene	ND	1000	972	97		955	96		70-130	2		30
tert-Butylbenzene	ND	1000	951	95		935	94		70-130	2		30
o-Chlorotoluene	ND	1000	984	98		956	96		70-130	3		30
p-Chlorotoluene	ND	1000	957	96		945	94		70-130	1		30
1,2-Dibromo-3-chloropropane	ND	1000	1060	106		1140	114		41-144	7		30
Hexachlorobutadiene	ND	1000	925	92		906	91		70-130	2		30
Isopropylbenzene	ND	1000	953	95		945	94		70-130	1		30
p-Isopropyltoluene	ND	1000	964	96		939	94		70-130	3		30
Naphthalene	ND	1000	1050	105		1030	103		70-130	2		30
n-Propylbenzene	ND	1000	961	96		957	96		70-130	0		30
1,2,3-Trichlorobenzene	ND	1000	1060	106		1120	112		70-130	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
CT RCP Volatile Organics - Westborough Lab Associated sample(s): 04,07,10-19 QC Batch ID: WG641696-4 WG641696-5 QC Sample: L1319526-07 Client ID: MW-3												
1,2,4-Trichlorobenzene	ND	1000	974	97		969	97		70-130	1		30
1,3,5-Trimethylbenzene	ND	1000	964	96		941	94		70-130	2		30
1,2,4-Trimethylbenzene	ND	1000	1000	100		988	99		70-130	1		30
trans-1,4-Dichloro-2-butene	ND	1000	936	94		959	96		70-130	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	960	96		935	94		70-130	3		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	104		102		70-130
Toluene-d8	104		99		70-130

METALS

Project Name:	RISDON	**Lab Number:**	L1319526
Project Number:	97001.00/14/5011	**Report Date:**	10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-01	Date Collected:	09/24/13 12:13
Client ID:	20NR-MW-1A	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 22:07	EPA 3005A	77,6020A	BM
Arsenic, Total	0.0007		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:07	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:07	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/03/13 07:45	10/03/13 11:18	EPA 7470A	77,7470A	BC
Nickel, Total	ND		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:07	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 09:45	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1319526
Project Number:	97001.00/14/5011	**Report Date:**	10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-11	Date Collected:	09/25/13 09:15
Client ID:	MW 113	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 22:38	EPA 3005A	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:38	EPA 3005A	77,6020A	BM
Beryllium, Total	0.0026		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:38	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.0100	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT
Copper, Total	2.43		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/03/13 07:45	10/03/13 11:20	EPA 7470A	77,7470A	BC
Nickel, Total	0.805		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:38	EPA 3005A	77,6020A	BM
Zinc, Total	0.490		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 09:56	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1319526
Project Number:	97001.00/14/5011	**Report Date:**	10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-12	Date Collected:	09/25/13 11:25
Client ID:	MW 111	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 22:50	EPA 3005A	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:50	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:50	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/03/13 07:45	10/03/13 11:22	EPA 7470A	77,7470A	BC
Nickel, Total	ND		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:50	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 10:00	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1319526
Project Number:	97001.00/14/5011	**Report Date:**	10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-13	Date Collected:	09/25/13 13:30
Client ID:	MW 601B	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 22:44	EPA 3005A	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:44	EPA 3005A	77,6020A	BM
Beryllium, Total	0.0029		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:44	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.0100	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT
Copper, Total	2.16		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/03/13 07:45	10/03/13 11:24	EPA 7470A	77,7470A	BC
Nickel, Total	0.486		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:44	EPA 3005A	77,6020A	BM
Zinc, Total	1.22		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 10:04	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1319526
Project Number:	97001.00/14/5011	**Report Date:**	10/08/13

SAMPLE RESULTS

Lab ID:	L1319526-17	Date Collected:	09/25/13 17:20
Client ID:	MW-91	Date Received:	09/27/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 22:00	EPA 3005A	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:00	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:00	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/04/13 06:45	10/04/13 13:11	EPA 7470A	77,7470A	MC
Nickel, Total	ND		mg/l	0.025	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 22:00	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/04/13 09:14	10/03/13 11:56	EPA 3005A	77,6010C	TT

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01,11-13 Batch: WG640681-1										
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 17 Batch: WG640689-1										
Antimony, Total	ND		mg/l	0.0010	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM
Thallium, Total	ND		mg/l	0.0005	--	1	10/02/13 12:41	10/02/13 18:48	77,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01,11-13 Batch: WG640878-1										
Mercury, Total	ND		mg/l	0.0002	--	1	10/03/13 07:45	10/03/13 11:15	77,7470A	BC

Prep Information

Digestion Method: EPA 7470A

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01,11-13 Batch: WG640897-1										
Cadmium, Total	ND		mg/l	0.005	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT
Nickel, Total	ND		mg/l	0.025	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT
Zinc, Total	ND		mg/l	0.050	--	1	10/02/13 12:41	10/03/13 09:37	77,6010C	TT

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 17 Batch: WG641193-1										
Mercury, Total	ND		mg/l	0.0002	--	1	10/04/13 06:45	10/04/13 13:07	77,7470A	MC

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 17 Batch: WG641233-1										
Cadmium, Total	ND		mg/l	0.005	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT
Nickel, Total	ND		mg/l	0.025	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT
Zinc, Total	ND		mg/l	0.050	--	1	10/04/13 09:14	10/03/13 11:25	77,6010C	TT

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Total Metals - Westborough Lab Associated sample(s): 01,11-13 Batch: WG640681-2								
Antimony, Total	86		-		80-120	-		20
Arsenic, Total	106		-		80-120	-		20
Beryllium, Total	95		-		80-120	-		20
Thallium, Total	93		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 17 Batch: WG640689-2								
Antimony, Total	86		-		80-120	-		20
Arsenic, Total	106		-		80-120	-		20
Beryllium, Total	95		-		80-120	-		20
Thallium, Total	93		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 01,11-13 Batch: WG640878-2								
Mercury, Total	102		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
CT RCP Total Metals - Westborough Lab Associated sample(s): 01,11-13 Batch: WG640897-2					
Cadmium, Total	103	-	80-120	-	20
Chromium, Total	95	-	80-120	-	20
Copper, Total	98	-	80-120	-	20
Lead, Total	103	-	80-120	-	20
Nickel, Total	96	-	80-120	-	20
Selenium, Total	108	-	80-120	-	20
Silver, Total	98	-	80-120	-	20
Zinc, Total	99	-	80-120	-	20
CT RCP Total Metals - Westborough Lab Associated sample(s): 17 Batch: WG641193-2					
Mercury, Total	82	-	80-120	-	20
CT RCP Total Metals - Westborough Lab Associated sample(s): 17 Batch: WG641233-2					
Cadmium, Total	102	-	80-120	-	20
Chromium, Total	100	-	80-120	-	20
Copper, Total	94	-	80-120	-	20
Lead, Total	102	-	80-120	-	20
Nickel, Total	93	-	80-120	-	20
Selenium, Total	100	-	80-120	-	20
Silver, Total	94	-	80-120	-	20
Zinc, Total	100	-	80-120	-	20

INORGANICS
&
MISCELLANEOUS

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-01
Client ID: 20NR-MW-1A
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/24/13 12:13
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:34	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-02
Client ID: MW-8
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/24/13 16:37
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:35	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-03
Client ID: MW-1
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/24/13 07:50
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:36	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-04
Client ID: MW-2
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/24/13 14:40
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:37	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-05
Client ID: MW 11
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 12:32
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:39	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-07
Client ID: MW-3
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 15:32
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:40	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-08
Client ID: MW 10
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 16:16
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:42	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-09
Client ID: MW 92
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 17:05
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:43	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-11
Client ID: MW 113
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 09:15
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:44	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-12
Client ID: MW 111
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 11:25
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:44	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-13
Client ID: MW 601B
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 13:30
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	0.018		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:45	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-14
Client ID: MW 508
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 14:50
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	10/01/13 08:25	10/02/13 14:13	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-15
Client ID: MW 508C
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 16:55
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	10/01/13 08:25	10/02/13 14:14	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-16
Client ID: MW 51
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 16:55
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	10/01/13 08:25	10/02/13 14:15	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-17
Client ID: MW-91
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/25/13 17:20
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	10/01/13 08:25	10/02/13 14:10	77,9014	DE

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

SAMPLE RESULTS

Lab ID: L1319526-18
Client ID: MW-14
Sample Location: DANBURY, CT
Matrix: Water

Date Collected: 09/24/13 14:23
Date Received: 09/27/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	--	1	10/01/13 08:25	10/02/13 14:13	77,9014	DE

Project Name: RISDON **Lab Number:** L1319526

Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP General Chemistry - Westborough Lab for sample(s): 01-05,07-09,11-13 Batch: WG640063-1										
Cyanide, Total	ND		mg/l	0.005	--	1	09/30/13 13:15	10/02/13 13:31	77,9014	DE
CT RCP General Chemistry - Westborough Lab for sample(s): 14-18 Batch: WG640288-1										
Cyanide, Total	ND		mg/l	0.005	--	1	10/01/13 08:25	10/02/13 14:03	77,9014	DE

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP General Chemistry - Westborough Lab Associated sample(s): 01-05,07-09,11-13 Batch: WG640063-2 WG640063-3								
Cyanide, Total	99		101		80-120	2		20
CT RCP General Chemistry - Westborough Lab Associated sample(s): 14-18 Batch: WG640288-2 WG640288-3								
Cyanide, Total	96		97		80-120	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001.00/14/5011
Lab Number: L1319526
Report Date: 10/08/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
CT RCP General Chemistry - Westborough Lab Associated sample(s): 01-05,07-09,11-13 QC Batch ID: WG640063-4 WG640063-5 QC Sample: L1319526-07 Client ID: MW-3												
Cyanide, Total	ND	0.2	0.187	94		0.187	94		75-125	0		20

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319526-01A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-01B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-01C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-01D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-01E	Plastic 250ml HNO3 preserved	A	<2	4.3	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1319526-02A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-02B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-02C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-02D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-03A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-03B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-03C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-03D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-04A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-04B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-04C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-04D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-05A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-05B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-05C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-05D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319526-06A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-06B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-06C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07D	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07E	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07F	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07G	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07H	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07I	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-07J	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-07K	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-07L	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-08A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-08B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-08C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-08D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-09A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-09B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-09C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-09D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-10A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-10B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-11A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-11B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-11C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-11D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-11E	Plastic 250ml HNO3 preserved	A	<2	4.3	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319526-12A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-12B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-12C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-12D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-12E	Plastic 250ml HNO3 preserved	A	<2	4.3	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1319526-13A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-13B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-13C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-13D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-13E	Plastic 250ml HNO3 preserved	A	<2	4.3	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1319526-14A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-14B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-14C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-14D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-15A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-15B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-15C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-15D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-16A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-16B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-16C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-16D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-17A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-17B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001.00/14/5011

Lab Number: L1319526
Report Date: 10/08/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1319526-17C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-17D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-17E	Plastic 250ml HNO3 preserved	A	<2	4.3	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1319526-18A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-18B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-18C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-18D	Plastic 250ml NaOH preserved	A	>12	4.3	Y	Absent	CT-TCN-9014(14)
L1319526-19A	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-19B	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)
L1319526-19C	Vial HCl preserved	A	N/A	4.3	Y	Absent	CT-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	RISDON	**Lab Number:**	L1319526
Project Number:	97001.00/14/5011	**Report Date:**	10/08/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name:	RISDON	**Lab Number:**	L1319526
Project Number:	97001.00/14/5011	**Report Date:**	10/08/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1319526
Project Number: 97001.00/14/5011 **Report Date:** 10/08/13

REFERENCES

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised October 1, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310C, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, 4500SO4-E, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 5030C, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5030C, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330A, 8082A, EPA 3510C, 5030B, 5030C, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330A, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S^{2-}D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C,

4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm 9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

L13,9526

CHAIN OF CUSTODY

PAGE 4 OF 5

Date Rec'd in Lab: 9/27/13

ALPHA Job #: [illegible]

ALPHA Analytical
8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

2015

Client Information

Client: Woodard + Curran

Address: 40 Shattuck Rd Suite 110
Andover MA 01810

Phone: 978 557 8150

Email: 978 557 7948

Project Information

Project Name: Risdon

Project Location: Danbury

Project #:

Project Manager:

ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: 10/4/13

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☑ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program CT RSRS Criteria

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; CT 8260B; Total Cyanide; 13 PP Metals

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	CT 8260B	Total Cyanide	13 PP Metals	Sample Comments	TOTAL # BOTTLES
01 [illegible]	20NR-MW-1A	9/24/13	1213	GW	WCD	3	1	1	Please see	
02 [illegible]	MW-8	9/24/13	1637	GW	WCD	3	1		Table 6-2b	
03 [illegible]	MW-1	9/24/13	1520/800	GW	GSR	3	1		for detection	
04 [illegible]	MW-2	9/24/13	1440	GW	GSR	3	1		limits	
05 [illegible]	MW 11	9/25/13	1232	GW	WCD	3	1			
06 [illegible]	MW 12	9/25/13	1402	GW	WCD	3				
07 [illegible]	MW-3	9/25/13	1532	GW	WCD	9	3		MS/MSD	
08 [illegible]	MW 10	9/25/13	1616	GW	WCD	3	1			
09 [illegible]	MW 92	9/25/13	1705	DI	WCD	3	1			
10 [illegible]	Trip Blank	—	—	—	—	2				
					Container Type	V	P	P		
					Preservative	B	E	C		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/27/13 1845	T Hurlburt	9/27/13 1845
T Hurlburt	9/27/13 1645	William McGrath	9/27/13 1645

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

Serial_No:10081320:05

L1319526

CHAIN OF CUSTODY

PAGE 5 OF 5

1/5

ALPHA ANALYTICAL

8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 9/27/13

ALPHA Job #: [illegible] 10/1/13

Client Information

Client: Woodard + Curran

Address: 40 Shattuck Rd Suite 110
Andover MA 01810

Phone: 978 557 8150

Email: 978 557 7948

Additional Project Information:

Project Information

Project Name: Risdon

Project Location: Danbury CT

Project #: 97001.01/31/3

Project Manager: Cathy Rockwell

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10/4/13

Report Information - Data Deliverables

☐ ADEx ☐ EMAIL

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods
☒ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☐ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☐ No NPDES RGP
☐ Other State /Fed Program CT RSRs Criteria

ANALYSIS

VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; CT 8260 B; Total Cyanide; 13 PP Metals

SAMPLE INFO
Filtration
☐ Field
☐ Lab to do
Preservation
☐ Lab to do

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	CT 8260 B	Total Cyanide	13 PP Metals	Sample Comments
11 [illegible]	MW 113	9/25/13	915	GW	JLC	3	1	1	Please See
12 [illegible]	MW 111	9/25/13	1125	GW	JLC	3	1	1	Table 6-2b
[illegible]	MW 601 B	9/25/13	1330	GW	JLC	3	1	1	for detection
14 [illegible]	MW 508	9/25/13	1450	GW	JLC	3	1		Limits
15 [illegible]	MW 508 C	9/25/13	1655	GW	JLC	3	1		
16 [illegible]	MW 51	9/25/13	1655	GW	JLC	3	1		
[illegible]	MW 91	9/25/13	1720	DI	JLC	3	1	1	
	MW-14	9/24/13	14;23						
	MW-9	9/25/13	16:25						

	CT 8260 B	Total Cyanide	13 PP Metals
Container Type	V	P	P
Preservative	B	E	C

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/27/13 1245	T. Huddleston	9/27/13 1245
T. Huddleston	9/27/13 1648	William McCleudon	9/27/13 1648

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.
FORM NO: 01-01 (rev. 12-Mar-2012)

Revised COC

CHAIN OF CUSTODY

PAGE 5 OF 5

Date Rec'd in Lab: 9/25/13

ALPHA Job #: L1319254

10/3/13

8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Client Information

Client: Woodard & Curran

Address: 40 Shattuck Rd Suite 110
Andover MA 01810

Phone: 978 557 8150

Email: 978 557 7988

Additional Project Information

Project Information

Project Name: Risdon

Project Location: Danbury CT

Project #: 91200.01.13.13

Project Manager: Cathy Robert

ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (Lab confirmation required)

Date Due: 10/4/13

Report Information - Data Deliverables

☐ ADEX ☐ EMAIL

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

☐ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods

☐ Yes ☐ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)

☑ Yes ☐ No GW-1 Standards (Info Required for Metals & EPH with Targets)

☐ Yes ☐ No NPDES RGP

☐ Other State / Fed Program _____ Criteria _____

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	VOC 1,2,3	SVOC ☐ 8270 ☐ PAH ☐ PCB	METALS ☐ Total ☐ RCRA 8	METALS ☐ CT RCP	EPH ☐ Target ☐ Range	VPH ☐ Target ☐ Range	☐ GRO ☐ DRO	☐ PCB ☐ CT RCP	PH, Conductivity, Chlorides	Flashpoint							SAMPLE INFO Filtration ☐ Field ☐ Lab to do Preservation ☐ Lab to do	TOTAL # BOTTLES	Sample Comments
19	MW-113	9/25/13	915	GW	JLC																		3	Please see
20	MW-111	9/25/13	1005	GW	JLC																		3	Table 6-2b
21	MW-209	9/25/13	1030	GW	JLC																		3	for analytical
22	MW-208	9/25/13	1450	GW	JLC																		3	list.
23	MW-208R	9/25/13	1605	GW	JLC																		3	
24	MW-51	9/25/13	1655	GW	JLC																		3	
25	MW-51	9/25/13	1720	GW	JLC																		3	
26	MW-14	9/25/13	1723	GW	JLC																		3	

Was corrected on 9/27/13

Container Type	Preservative
A = Plastic	A = None
B = Amber glass	B = HCl
C = Vial	C = HNO3
D = Glass	D = H2SO4
E = Bacteria cup	E = NaOH
F = Cube	F = MeOH
G = Other	G = NaHSO4
H = Encore	H = Na2S2O3
I = VOA Vial	I = Ascorbic Acid
	J = NH4Cl
	K = Zn Acetate
	O = Other

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/27/13 1275	[signature]	9/27/13

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO. 01-01HC (rev. 10-Mar-2012)

ANALYTICAL REPORT

Lab Number:	L1320707
Client:	Woodard & Curran 40 Shattuck Road Suite 110 Andover, MA 01810
ATTN:	Catharine Rockwell
Phone:	(978) 557-8150
Project Name:	RISDON
Project Number:	97001/14/5011
Report Date:	10/23/13

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: RISDON
Project Number: 97001/14/5011

Lab Number: L1320707
Report Date: 10/23/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1320707-01	MW-11	DANBURY, CT	10/15/13 11:50
L1320707-02	MW-10	DANBURY, CT	10/15/13 14:00
L1320707-03	MW-3	DANBURY, CT	10/15/13 14:50
L1320707-04	MW-8	DANBURY, CT	10/15/13 16:40
L1320707-05	EB-01	DANBURY, CT	10/15/13 17:00

Project Name: RISDON
Project Number: 97001/14/5011

Lab Number: L1320707
Report Date: 10/23/13

CT DEP Reasonable Confidence Protocols
Laboratory Analysis
QA/QC Certification Form

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 CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	YES
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?	NO
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	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 question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

Project Name: RISDON **Lab Number:** L1320707
Project Number: 97001/14/5011 **Report Date:** 10/23/13

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

Case Narrative (continued)

RCP Related Narratives

Metals

In reference to question 6:

At the client's request, all submitted samples were not analyzed for the full RCP list of constituents identified in the method specific analyte list presented in the RCP documents.

I, the undersigned, attest under the 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. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative

Date: 10/23/13

METALS

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

SAMPLE RESULTS

Lab ID:	L1320707-01	Date Collected:	10/15/13 11:50
Client ID:	MW-11	Date Received:	10/16/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/21/13 13:40	10/22/13 20:27	EPA 3005A	77,6020A	BM
Arsenic, Total	0.0008		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:27	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:27	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT
Copper, Total	0.024		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/18/13 06:01	10/18/13 10:40	EPA 7470A	77,7470A	DR
Nickel, Total	ND		mg/l	0.025	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:27	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/21/13 13:40	10/22/13 18:24	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

SAMPLE RESULTS

Lab ID:	L1320707-02	Date Collected:	10/15/13 14:00
Client ID:	MW-10	Date Received:	10/16/13
Sample Location:	DANBURY, CT	Field Prep:	Field Filtered
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Dissolved Metals - Westborough Lab											
Antimony, Dissolved	ND		mg/l	0.0010	--	1	10/16/13 06:48	10/22/13 21:29	NA	77,6020A	BM
Arsenic, Dissolved	0.0022		mg/l	0.0005	--	1	10/16/13 06:48	10/22/13 21:29	NA	77,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	--	1	10/16/13 06:48	10/22/13 21:29	NA	77,6020A	BM
Cadmium, Dissolved	ND		mg/l	0.005	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT
Chromium, Dissolved	ND		mg/l	0.01	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT
Copper, Dissolved	ND		mg/l	0.010	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT
Lead, Dissolved	ND		mg/l	0.010	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT
Mercury, Dissolved	ND		mg/l	0.0002	--	1	10/18/13 06:01	10/18/13 10:32	EPA 7470A	77,7470A	DR
Nickel, Dissolved	ND		mg/l	0.025	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT
Selenium, Dissolved	ND		mg/l	0.010	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT
Silver, Dissolved	ND		mg/l	0.007	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT
Thallium, Dissolved	ND		mg/l	0.0005	--	1	10/16/13 06:48	10/22/13 21:29	NA	77,6020A	BM
Zinc, Dissolved	ND		mg/l	0.050	--	1	10/16/13 06:48	10/23/13 11:42	NA	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

SAMPLE RESULTS

Lab ID:	L1320707-03	Date Collected:	10/15/13 14:50
Client ID:	MW-3	Date Received:	10/16/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/21/13 13:40	10/22/13 20:40	EPA 3005A	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:40	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:40	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT
Chromium, Total	0.01		mg/l	0.01	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT
Copper, Total	0.047		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/18/13 06:01	10/18/13 10:42	EPA 7470A	77,7470A	DR
Nickel, Total	ND		mg/l	0.025	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.00050	--	1	10/21/13 13:40	10/22/13 20:40	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/21/13 13:40	10/22/13 18:36	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

SAMPLE RESULTS

Lab ID:	L1320707-04	Date Collected:	10/15/13 16:40
Client ID:	MW-8	Date Received:	10/16/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/21/13 13:40	10/22/13 21:04	EPA 3005A	77,6020A	BM
Arsenic, Total	0.0006		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 21:04	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 21:04	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT
Copper, Total	0.106		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/18/13 06:01	10/18/13 10:47	EPA 7470A	77,7470A	DR
Nickel, Total	ND		mg/l	0.025	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 21:04	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/21/13 13:40	10/22/13 18:40	EPA 3005A	77,6010C	TT

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

SAMPLE RESULTS

Lab ID:	L1320707-05	Date Collected:	10/15/13 17:00
Client ID:	EB-01	Date Received:	10/16/13
Sample Location:	DANBURY, CT	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab											
Antimony, Total	ND		mg/l	0.0010	--	1	10/21/13 13:40	10/22/13 21:11	EPA 3005A	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 21:11	EPA 3005A	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 21:11	EPA 3005A	77,6020A	BM
Cadmium, Total	ND		mg/l	0.005	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT
Mercury, Total	ND		mg/l	0.0002	--	1	10/18/13 06:01	10/18/13 10:49	EPA 7470A	77,7470A	DR
Nickel, Total	ND		mg/l	0.025	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT
Thallium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 21:11	EPA 3005A	77,6020A	BM
Zinc, Total	ND		mg/l	0.050	--	1	10/21/13 13:40	10/22/13 18:43	EPA 3005A	77,6010C	TT

Project Name: RISDON **Lab Number:** L1320707

Project Number: 97001/14/5011 **Report Date:** 10/23/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Dissolved Metals - Westborough Lab for sample(s): 02 Batch: WG644973-1										
Mercury, Dissolved	ND		mg/l	0.0002	--	1	10/18/13 06:01	10/18/13 10:27	77,7470A	DR

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01,03-05 Batch: WG644974-1										
Mercury, Total	ND		mg/l	0.0002	--	1	10/18/13 06:01	10/18/13 10:34	77,7470A	DR

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01,03-05 Batch: WG645601-1										
Cadmium, Total	ND		mg/l	0.005	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT
Chromium, Total	ND		mg/l	0.01	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT
Copper, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT
Lead, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT
Nickel, Total	ND		mg/l	0.025	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT
Selenium, Total	ND		mg/l	0.010	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT
Silver, Total	ND		mg/l	0.007	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT
Zinc, Total	ND		mg/l	0.050	--	1	10/21/13 13:40	10/22/13 18:17	77,6010C	TT

Prep Information

Digestion Method: EPA 3005A

Project Name: RISDON **Lab Number:** L1320707

Project Number: 97001/14/5011 **Report Date:** 10/23/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Total Metals - Westborough Lab for sample(s): 01,03-05 Batch: WG645915-1										
Antimony, Total	ND		mg/l	0.0010	--	1	10/21/13 13:40	10/22/13 20:15	77,6020A	BM
Arsenic, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:15	77,6020A	BM
Beryllium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:15	77,6020A	BM
Thallium, Total	ND		mg/l	0.0005	--	1	10/21/13 13:40	10/22/13 20:15	77,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Dissolved Metals - Westborough Lab for sample(s): 02 Batch: WG646023-1										
Cadmium, Dissolved	ND		mg/l	0.005	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT
Chromium, Dissolved	ND		mg/l	0.01	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT
Copper, Dissolved	ND		mg/l	0.010	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT
Lead, Dissolved	ND		mg/l	0.010	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT
Nickel, Dissolved	ND		mg/l	0.025	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT
Selenium, Dissolved	ND		mg/l	0.010	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT
Silver, Dissolved	ND		mg/l	0.007	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT
Zinc, Dissolved	ND		mg/l	0.050	--	1	10/16/13 06:48	10/23/13 11:34	77,6010C	TT

Prep Information

Digestion Method: NA

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
CT RCP Dissolved Metals - Westborough Lab for sample(s): 02 Batch: WG646025-1										
Antimony, Dissolved	ND		mg/l	0.0010	--	1	10/16/13 06:48	10/22/13 21:17	77,6020A	BM
Arsenic, Dissolved	ND		mg/l	0.0005	--	1	10/16/13 06:48	10/22/13 21:17	77,6020A	BM
Beryllium, Dissolved	ND		mg/l	0.0005	--	1	10/16/13 06:48	10/22/13 21:17	77,6020A	BM
Thallium, Dissolved	ND		mg/l	0.0005	--	1	10/16/13 06:48	10/22/13 21:17	77,6020A	BM

Project Name: RISDON **Lab Number:** L1320707

Project Number: 97001/14/5011 **Report Date:** 10/23/13

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: NA

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001/14/5011

Lab Number: L1320707
Report Date: 10/23/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Dissolved Metals - Westborough Lab Associated sample(s): 02 Batch: WG644973-2								
Mercury, Dissolved	96		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 01,03-05 Batch: WG644974-2								
Mercury, Total	94		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 01,03-05 Batch: WG645601-2								
Cadmium, Total	109		-		80-120	-		20
Chromium, Total	100		-		80-120	-		20
Copper, Total	106		-		80-120	-		20
Lead, Total	108		-		80-120	-		20
Nickel, Total	103		-		80-120	-		20
Selenium, Total	115		-		80-120	-		20
Silver, Total	109		-		80-120	-		20
Zinc, Total	105		-		80-120	-		20
CT RCP Total Metals - Westborough Lab Associated sample(s): 01,03-05 Batch: WG645915-2								
Antimony, Total	89		-		80-120	-		20
Arsenic, Total	107		-		80-120	-		20
Beryllium, Total	110		-		80-120	-		20
Thallium, Total	102		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: RISDON
Project Number: 97001/14/5011
Lab Number: L1320707
Report Date: 10/23/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
CT RCP Dissolved Metals - Westborough Lab Associated sample(s): 02 Batch: WG646023-2					
Cadmium, Dissolved	100	-	80-120	-	20
Chromium, Dissolved	95	-	80-120	-	20
Copper, Dissolved	100	-	80-120	-	20
Lead, Dissolved	102	-	80-120	-	20
Nickel, Dissolved	95	-	80-120	-	20
Selenium, Dissolved	106	-	80-120	-	20
Silver, Dissolved	104	-	80-120	-	20
Zinc, Dissolved	98	-	80-120	-	20
CT RCP Dissolved Metals - Westborough Lab Associated sample(s): 02 Batch: WG646025-2					
Antimony, Dissolved	85	-	80-120	-	20
Arsenic, Dissolved	99	-	80-120	-	20
Beryllium, Dissolved	95	-	80-120	-	20
Thallium, Dissolved	96	-	80-120	-	20

Project Name: RISDON
Project Number: 97001/14/5011

Lab Number: L1320707
Report Date: 10/23/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1320707-01A	Plastic 250ml HNO3 preserved	A	<2	2.5	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1320707-02A	Plastic 250ml HNO3 preserved	A	<2	2.5	Y	Absent	CT-NI-6010S(180),CT-SE-6010S(180),CT-TL-6020S(180),CT-AS-6020S(180),CT-BE-6020S(180),CT-CR-6010S(180),CT-CU-6010S(180),CT-HG-7470S(28),CT-PB-6010S(180),CT-ZN-6010S(180),CT-AG-6010S(180),CT-CD-6010S(180),CT-SB-6020S(180)
L1320707-03A	Plastic 250ml HNO3 preserved	A	<2	2.5	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)

*Values in parentheses indicate holding time in days

Project Name: RISDON
Project Number: 97001/14/5011

Lab Number: L1320707
Report Date: 10/23/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1320707-04A	Plastic 250ml HNO3 preserved	A	<2	2.5	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)
L1320707-05A	Plastic 250ml HNO3 preserved	A	<2	2.5	Y	Absent	CT-AG-6010T(180),CT-AS-6020T(180),CT-CU-6010T(180),CT-SE-6010T(180),CT-TL-6020T(180),CT-HG-7470T(28),CT-BE-6020T(180),CT-NI-6010T(180),CT-PB-6010T(180),CT-SB-6020T(180),CT-CR-6010T(180),CT-ZN-6010T(180),CT-CD-6010T(180)

*Values in parentheses indicate holding time in days

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The lower value for the two columns has been reported due to obvious interference.

Report Format: Data Usability Report

Project Name:	RISDON	**Lab Number:**	L1320707
Project Number:	97001/14/5011	**Report Date:**	10/23/13

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: RISDON **Lab Number:** L1320707
Project Number: 97001/14/5011 **Report Date:** 10/23/13

REFERENCES

77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised October 1, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310C, 4500-PE, EPA 420.1, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, 4500SO4-E, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 5030C, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5030C, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330A, 8082A, EPA 3510C, 5030B, 5030C, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330A, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S^{2-}D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C,

4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm 9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

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ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/16/13

ALPHA Job #: L1326707

Client Information

Client: Woodard & Curran
Address: 40 Shattuck Rd, Suite 110, Andover, MA 01810
Phone: 978-557-8150
Fax: 978-557-7948
Email: crockwell@woodardcurran.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Risdon
Project Location: Danbury, CT
Project #: 97001/14/5011
Project Manager: Catharine Rockwell
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 10/23/13 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program CT RSR15 Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☒ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☒ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TPP13 - Metals	Sample Specific Comments	TOTAL # BOTTLES
2707 1	MW-11	10-15-13	1150	GW	JLC	Y		
2	MW-10	10-15-13	1400	GW	JLC	Y	Filtered in field	
3	MW-3	10-15-13	1450	GW	JLC	Y	~~Filtered in~~ LC	
4	MW-8	10-15-13	1640	GW	JLC	Y		
5	EB-01	10-15-13	1700	XI	JLC	N	DI water	
							Please see Table 6-2b	
							for detection limits	

Container Type	P
Preservative	C

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Jordan Coleman	10-16-13/1215	J. Hurdle	10/16/13 1215
T. Hurdle	10/16/13 1630	Jim Quinn	10/16/13 1630

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

TABLE 6-2b: GROUNDWATER CONTAMINANTS OF CONCERN - INORGANICS

Analytes	CAS Number	USEPA Analytical Method	Proposed Screening Level[1] (µg/L)	Laboratory IDL (µg/l)	Laboratory QL (µg/l)
Antimony	7440-36-0	6010B	86,000	25	50
Arsenic	7440-38-2	6020A	4	0.25	0.5
Beryllium	7440-41-7	6020A	4	3	5
Cadmium	7440-43-9	6010B	6	3	5
Chromium[2]	7440-47-3	6010B	--	5	10
Hexavalent Chromium	18540-29-9	7196A	110	5	10
Trivalent Chromium		--	1,200	NA - calculation	10
Copper	7440-50-8	6010B	48	5	10
Cyanide, amenable	57-12-5	9014	--	NA - calculation	10
Cyanide, total	57-12-5	9014	52	2.5	5
Lead	7439-92-1	6010B	13	5	10
Mercury	7439-97-6	7470A	0.4	0.1	0.2
Nickel	7440-02-0	6010B	880	13	25
Selenium	7782-49-2	6010B	50	5	10
Silver	7440-22-4	6010B	12	4	7
Thallium	7440-28-0	6010B	63	10	20
Zinc	7440-66-6	6010B	123	25	50

Notes:

1. The proposed screening levels are based on the Surface Water Protection Criteria (SWPC) of CTDEP Remediation Standard Regulations.
2. Screening levels for Chromium are based on the SWPC for Hexavalent and Trivalent Chromium. A value for Trivalent Chromium is developed by subtracting Hexavalent Chromium from the total Chromium result

IDL = Instrument Detection Limit

QLs = Laboratory's standard Quantitation Limits - unless otherwise noted, this is the reporting limit for the laboratory reports.

NA = Not applicable

Table 6-2 a and b groundwater REV.xls

RISDON DANBURY, CT - PROJECT SUMMARY

Alpha Laboratories Job Numbers: L1319238, L1319524, and L1319525

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 4.3 and 4.5 degrees Celsius. No qualifications will be applied.

VOCs and 1,4-Dioxane:

All volatile organic compound (VOC) and 1,4-dioxane samples were analyzed within technical holding time. No qualifications will be applied.

All VOC and 1,4-dioxane surrogates met acceptance criteria (70-130%). No qualifications will be applied.

All VOC and 1,4-dioxane method blank(s) were non-detect (ND) for all target compounds. No qualifications will be applied.

VOC field blank samples, MW 90 (L1319525-06) and MW-91 (L1319526-17), were ND for all target compounds with one exception. Trichloroethene (0.574 µg/L) was detected above the reporting limit (RL) in sample MW-91 (L1319526-17). Since the affected samples were ND for trichloroethene or the sample concentrations were much greater than the blank concentration, professional judgment was used to not qualify any sample results.

No VOC or 1,4-dioxane matrix spike/matrix spike duplicate (MS/MSD) was performed on a sample from these analytical packages. No qualifications will be applied.

The VOC and 1,4-dioxane laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) met recovery and relative percent difference (RPD) (≤30) acceptance criteria with the following exceptions:

DATE	COMPOUND	%R/%R	QC LIMIT	AFFECTED SAMPLES	QUALIFIER FLAG
10/4/2013	Tetrahydrofuran trans-1,4-Dichloro-2-butene	69/69 64/68	70-130%	L1319238-04 & -05 L1319524-02 L1319525-01 through -05	UJL UJL
10/6/2013	Carbon tetrachloride Trichlorofluoromethane	OK/133 134/137	70-130%	L1319524-01DL, -03DL	NTC for DL NTC for DL
10/6/2013	Carbon tetrachloride Trichlorofluoromethane	135/137 135/141	70-130%	L1319525-06	None, sample ND None, sample ND

NTC=not target compound; DL=dilution

VOC field duplicate samples MW 15M (L1319238-04)/MW 50 (L1319238-05) had positive results for the following compounds: tetrachloroethene; 1,1,1-trichloroethane; 1,1-dichloroethene; trichloroethene; and cis-1,2-dichloroethene. The RPD values between the sample results were acceptable (≤30) for all compounds detected in both the sample and its field duplicate. No qualifications will be applied.

The result for cis-1,2-dichloroethene in the less dilute analysis of sample DPMW-1 (L1319524-01) and the result for trichloroethene in the less dilute analysis of sample MW 103 (L1319524-03) exceeded the upper calibration limit. The cis-1,2-dichloroethene result in the less dilute analysis of sample DPMW-1 (L1319524-01) and the trichloroethene result in the less dilute analysis of sample MW 103 (L1319524-03) will be estimated (JK) since the upper calibration limit was exceeded. The samples were re-analyzed at a greater dilution and the cis-1,2-dichloroethene or trichloroethene results were within the calibration range. The results from the more dilute analysis for cis-1,2-dichloroethene or trichloroethene should be used to evaluate samples DPMW-1 (L1319524-01) and MW 103 (L1319524-03).

Detection limits were raised in some samples due to dilutions performed because of the elevated concentrations of target compounds.

RISDON DANBURY, CT - PROJECT SUMMARY

Alpha Laboratories Job Numbers: L1319238, L1319524, and L1319525

Metals:

All metals samples were digested and analyzed within technical holding times. No qualifications will be applied.

All metals method blank(s) were ND for all target analytes. No qualifications will be applied.

No metals field blank samples were submitted with these analytical packages. No qualifications will be applied.

No metals MS/MSD was performed on a sample from these analytical packages. No qualifications will be applied.

Metals field duplicate samples MW 15M (L1319238-04)/MW 50 (L1319238-05) had a positive result for the following analyte: arsenic in the field duplicate sample only. Since the arsenic concentration in the duplicate sample was detected at the RL, field duplicate precision is acceptable. No qualifications will be applied.

The metals LCS met acceptance criteria (80-120%). No qualifications will be applied.

No metals laboratory duplicate was performed on a sample from these analytical packages. No qualifications will be applied.

Cyanide:

All cyanide (CN) samples were prepared and analyzed within technical holding times. No qualifications will be applied.

All CN method blank(s) were ND. No qualifications will be applied.

No CN field blank samples were submitted with these analytical packages. No qualifications will be applied.

No CN MS/MSD was performed on a sample from these analytical packages. No qualifications will be applied.

CN field duplicate samples MW 15M (L1319238-04)/MW 50 (L1319238-05) were both ND. No qualifications will be applied.

The CN LCS/LCSD met recovery (80-120%) and RPD (≤20) acceptance criteria. No qualifications will be applied.

No CN laboratory duplicate was performed on a sample from these analytical packages. No qualifications will be applied.

QUALIFIER EXPLANATION

QUALIFIER	EXPLANATION
UJL	Not detected, biased low
UJK	Not detected, bias unknown
JL	Estimated, biased low
JH	Estimated, biased high
JK	Estimated, bias unknown
R	Rejected, data not useable

Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

Date: 10/28/2013

RISDON DANBURY, CT - PROJECT SUMMARY

Alpha Laboratories Job Number: L1319526 and L1320707

A modified Tier II validation was performed on the data. The criteria detailed below were used to qualify the data. Raw data were not used to verify the results reported by the laboratory.

Samples were received at 2.5 and 4.3 degrees Celsius. No qualifications will be applied.

VOCs:

All volatile organic compound (VOC) samples were analyzed within technical holding time. No qualifications will be applied.

All VOC surrogates met acceptance criteria (70-130%). No qualifications will be applied.

All VOC method blank(s) were non-detect (ND) for all target compounds. No qualifications will be applied.

VOC field blank samples, MW 92 (L1319526-09), TRIP BLANK (L1319526-10), and MW-91 (L1319526-17), were ND for all target compounds with one exception. Trichloroethene (0.574 µg/L) was detected above the reporting limit (RL) in sample MW-91 (L1319526-17). Therefore, the trichloroethene in sample 2ONR-MW-1A (L1319526-01) was qualified as undetected (U) at the reported concentration. Professional judgment was used to not qualify any other affected sample results.

The VOC matrix spike/matrix spike duplicate (MS/MSD) performed on sample MW-3 (L1319526-07) met recovery and relative percent difference (RPD) acceptance criteria with the following exception:

COMPOUND	%R/%R/RPD	QC LIMIT	AFFECTED SAMPLES	QUALIFIER FLAG
Acetone	OK/50/OK	58-148%/≤30	MW-3	UJL

The VOC laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) met recovery and RPD acceptance criteria with the following exceptions:

DATE	COMPOUND	%R/%R	QC LIMIT	AFFECTED SAMPLES	QUALIFIER FLAG
10/5/2013	Tetrahydrofuran trans-1,4-Dichloro-2-butene	69/69 64/68	70-130%	L1319526-01, -02, & -05	UJL UJL
10/6/2013	Carbon tetrachloride Trichlorofluoromethane	135/137 135/141	70-130%	L1319526-05DL, -06, -09	None, samples ND None, samples ND
10/7/2013	Carbon tetrachloride Trichlorofluoromethane	OK/133 134/137	70-130%	L1319526-02, -06DL, -14	NTC for DL or samples ND NTC for DL or samples ND
10/8/2013	Carbon tetrachloride Trichlorofluoromethane 1,1,2,2-Tetrachlorethane 1,2,3-Trichloropropane Acetone 2-Hexanone	138/142 137/140 OK/68 OK/69 149/OK 40-RPD 33-RPD	70-130% 58-148% ≤30 ≤30	L1319526-03, -08	None, samples ND None, samples ND UJL UJL JK, L1319526-08 None not on LCS/LCSD RPD alone

NTC=not target compound; DL=dilution

VOC field duplicate samples MW 508C (L1319526-15)/MW 51 (L1319526-16) had positive results for the following compounds: 1,1-dichloroethene; tetrachloroethene; trichloroethene; cis-1,2-dichloroethene; and 1,1,1-

trichloroethane. The RPD values between the sample results were acceptable (≤30) for all compounds. No qualifications will be applied.

The results for 1,1,1-trichloroethane; 1,1-dichloroethene;and trichloroethene in the less dilute analysis of samples MW-8 (L1319526-02) and MW 11 (L1319526-05) and the results for trichloroethene in the less dilute analysis of samples MW 112 (L1319526-06) and MW 508 (L1319526-14) exceeded the upper calibration limit. The 1,1,1-trichloroethane; 1,1-dichloroethene; and trichloroethene results in the less dilute analysis of samples MW-8 (L1319526-02) and MW 11 (L1319526-05) and the trichloroethene results in the less dilute analysis of samples MW 112 (L1319526-06) and MW 508 (L1319526-14) will be estimated (JK) since the upper calibration limit was exceeded. The samples were re-analyzed at a greater dilution and the 1,1,1-trichloroethane; 1,1-dichloroethene;and/or trichloroethene results were within the calibration range. The results from the more dilute analysis for 1,1,1-trichloroethane; 1,1-dichloroethene;and/or trichloroethene should be used to evaluate samples MW-8 (L1319526-02), MW 11 (L1319526-05), MW 112 (L1319526-06), and MW 508 (L1319526-14).

Detection limits were raised in some samples due to dilutions performed because of the elevated concentrations of target compounds.

Metals:

All metals samples were digested and analyzed within technical holding times. No qualifications will be applied.

All metals method blank(s) were ND for all target analytes. No qualifications will be applied.

Metals field blank samples, MW-91 (L1319526-17) and EB-01 (L1320707-05), were ND for all target analytes. No qualifications will be applied.

No MS/MSD was performed on sample from these analytical packages. No qualifications will be applied.

No metals field duplicate samples were submitted with these analytical packages. No qualifications will be applied.

The metals LCS met acceptance criteria (80-120%). No qualifications will be applied.

No metals laboratory duplicate was performed on a sample from these analytical packages. No qualifications will be applied.

Cyanide:

All cyanide (CN) samples were prepared and analyzed within technical holding times. No qualifications will be applied.

All CN method blank(s) were ND. No qualifications will be applied.

CN field blank samples, MW 92 (L1319526-09) and MW-91 (L1319526-17), were ND. No qualifications will be applied.

The CN MS/MSD performed on sample MW-3 (L1319526-7) met acceptance criteria (75-125%). No qualifications will be applied.

CN field duplicate samples MW 508C (L1319526-15)/MW 51 (L1319526-16) were both ND. No qualifications will be applied.

The CN LCS/LCSD met acceptance criteria (80-120%). No qualifications will be applied.

No CN laboratory duplicate was performed on a sample from these analytical packages. No qualifications will be applied.

Alpha Laboratories Job Number: L1319526 and L1320707

QUALIFIER EXPLANATION

QUALIFIER	EXPLANATION
UJL	Not detected, biased low
UJK	Not detected, bias unknown
JL	Estimated, biased low
JH	Estimated, biased high
JK	Estimated, bias unknown
R	Rejected, data not useable

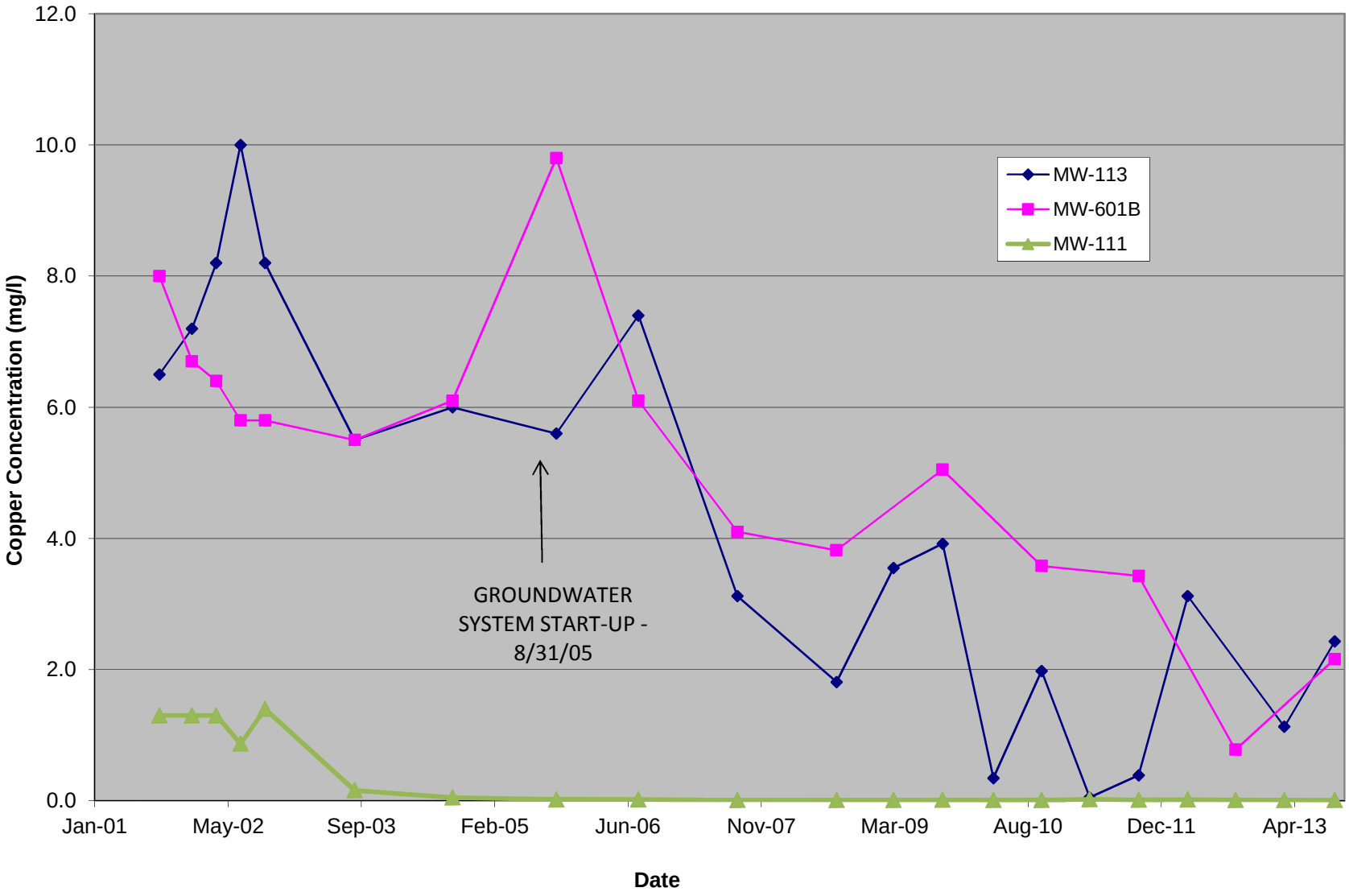
Data Check, Inc.
P.O. Box 29
81 Meaderboro Road
New Durham, NH 03855

Gloria J. Switalski:
President

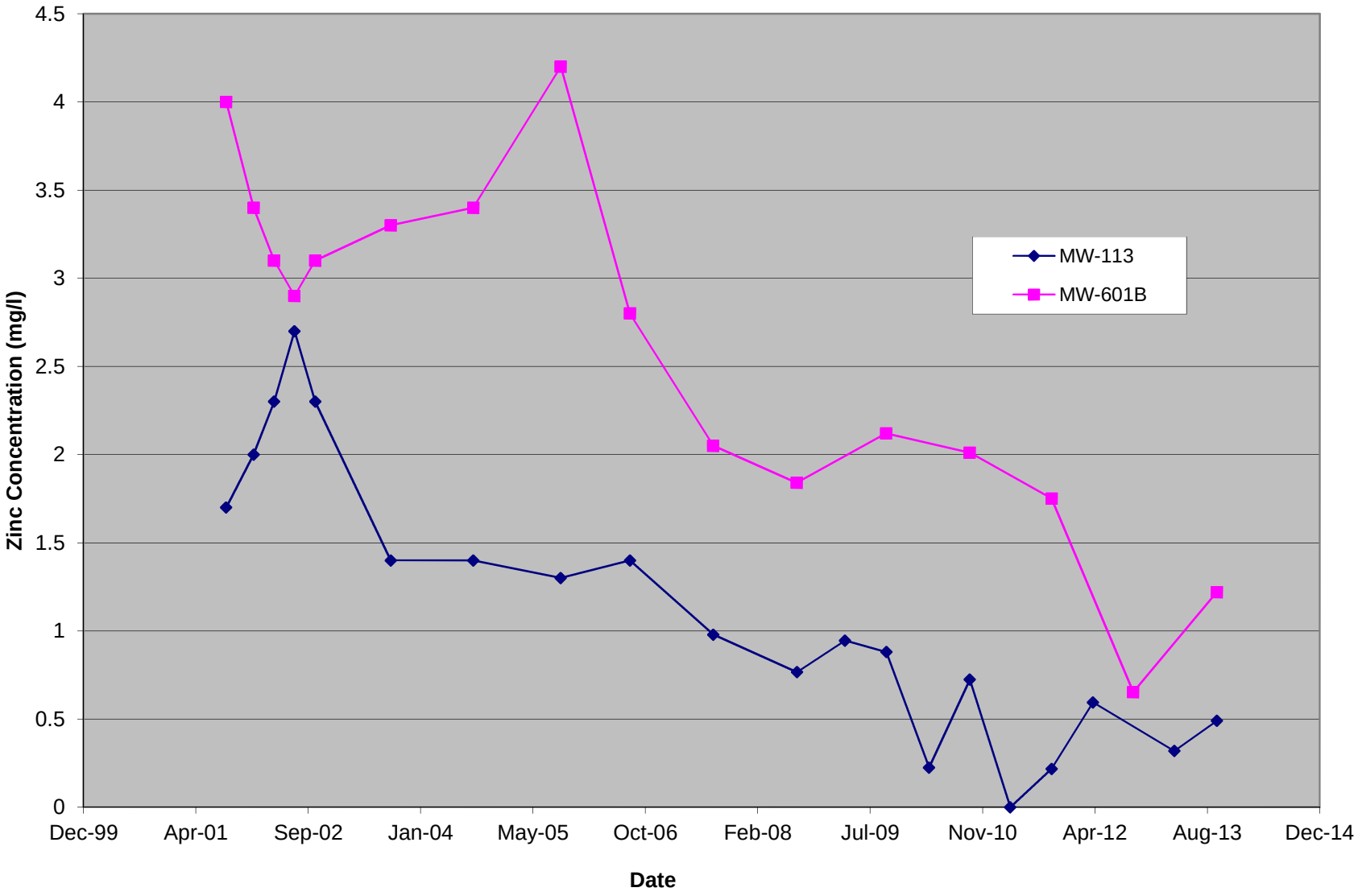
Date: 10/28/2013

APPENDIX D: INORGANIC PLOTS

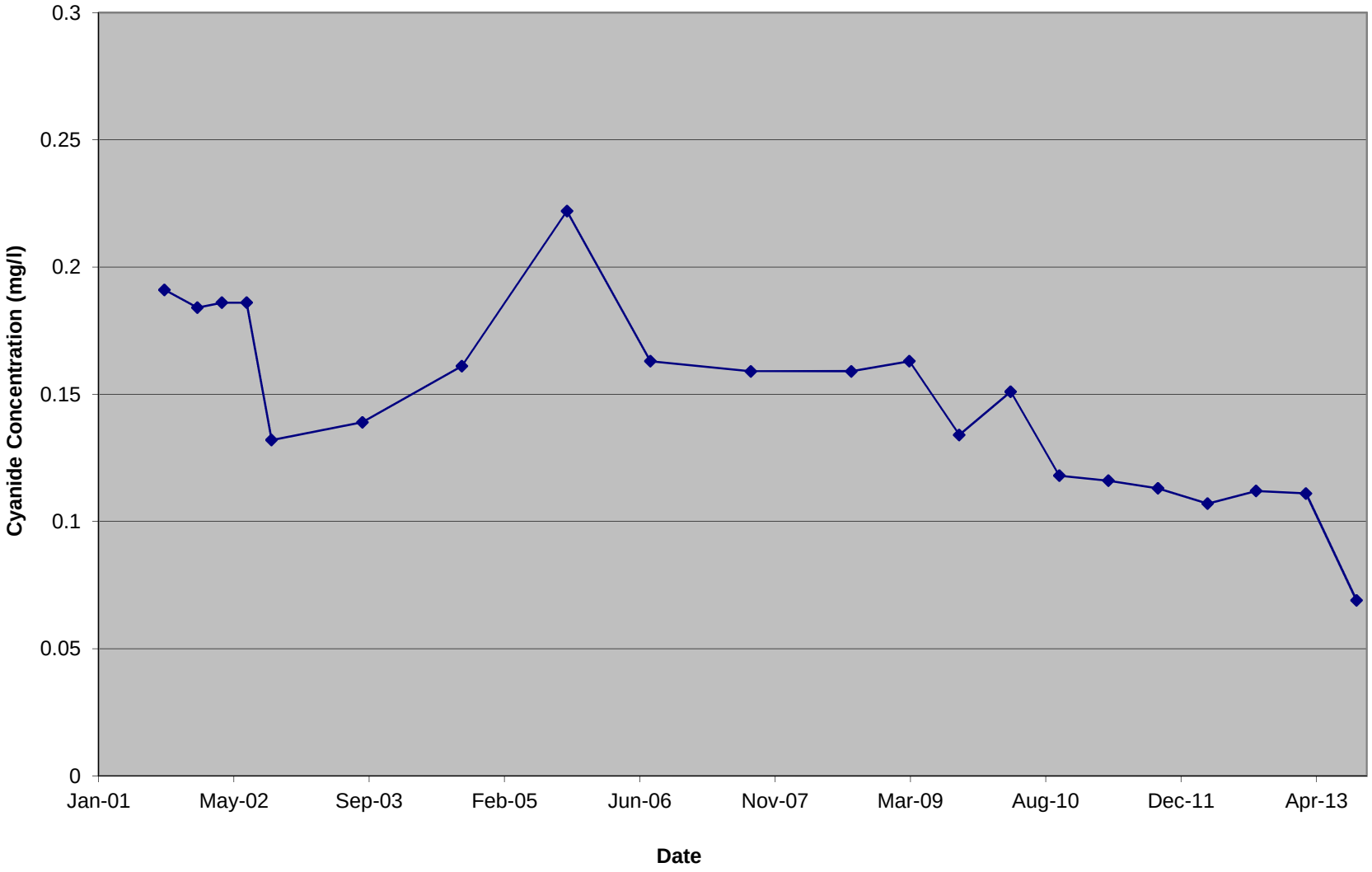
CONCENTRATIONS OF COPPER IN GROUNDWATER AT SELECT LOCATIONS



CONCENTRATION OF ZINC IN GROUNDWATER AT SELECT LOCATIONS



CONCENTRATIONS OF CYANIDE AT MW-15M



APPENDIX E: SUB-SLAB VAPOR CONTROL SYSTEM EXTRACTION POINT FIELD DATA

APPENDIX E
TABLE 1
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-1
ZONE 1 - ENCLOSURE 1

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	12:45	-2.6	400	34.9	4.3
09/24/08	8:09	-2.5	374	32.6	1
09/27/08	12:00	-2.5	398	34.7	0.5
10/01/08	10:31	-2.7	426	37.2	3.1
10/01/08 2ND ROUND	14:20	--	465	40.6	2.9
10/09/08	15:30	-2.7	430	37.5	4.6
10/16/08	12:09	-7.5	614	53.6	8.5
10/16/08 AFTER CHANGES	16:37	-7.8	626	54.6	8.9
11/14/08	11:50	-7.5	714	62.3	4
12/16/08	11:05	-8	612	53.4	1.3
01/13/09	9:32	-8	615	53.6	1.7
02/12/09	11:09	-12	1091	95.2	0.6
03/16/09	12:51	-8	758	66.1	1
04/28/09	9:22	-11	807	70.4	1
05/27/09	11:00	-7	622	54.3	0.5
06/18/09	11:19	-8	622	54.3	5.7
09/22/09	9:15	-6	568	49.5	0.6
12/22/09	9:25	-6.5	560	48.8	0.8
03/25/10	8:44	-7	776	67.7	0
06/11/10	9:30	-5.7	534	46.6	0.1
09/20/10	8:34	-5	559	48.8	0.3
12/16/10	9:13	-4.3	249	21.7	0
03/21/11	10:17	-6.5	421	36.7	0
06/29/11	9:47	-6	429	37.4	0
09/23/11	14:33	-7	386	33.7	0
12/27/11	9:08	-6.8	394	34.4	0
03/21/12	8:13	-5.9	413	36.0	0
06/28/12	9:37	-6.2	402	35.1	0
09/30/12	11:30	-6.6	399	34.8	0
12/28/12	13:40	-6.7	389	33.9	0
03/20/13	10:26	-6.9	377	32.9	0
06/26/13	9:17	-7.1	362	31.6	0
09/25/13	15:18	-7	379	33.1	0

APPENDIX E
TABLE 2
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-2
ZONE 1 - ENCLOSURE 1

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	12:47	-3.3	330	28.8	2.3
09/24/08	8:06	-2.9	335	29.2	1.6
09/27/08	11:55	-3.2	370	32.3	0.1
10/01/08	10:49	-3	426	37.2	1.6
10/01/08 2ND ROUND	14:17	--	449	39.2	3
10/09/08	15:27	-3.35	325	28.3	2.5
10/16/08	12:02	-10	492	42.9	6.4
10/16/2008 AFTER CHANGES	16:34	-10.1	511	44.6	7.1
11/14/08	11:47	-9.5	497	43.3	8.1
12/16/08	11:02	-10	515	44.9	3.1
01/13/09	9:30	-10	530	46.2	2.7
02/12/09	11:07	-10	478	41.7	1.2
03/16/09	13:00	-11	481	42.0	1.4
04/28/09	9:18	-12	572	49.9	1
05/27/09	11:03	-8.5	480	41.9	8.1
06/18/09	11:17	-10	522	45.5	2.5
09/22/09	9:12	-6.5	380	33.1	0.9
12/22/09	9:17	-6.5	367	32.0	0.7
03/25/10	8:41	-8.5	496	43.3	0
06/11/10	9:26	-7	277	24.2	0
09/20/10	8:31	-6	371	32.4	0
12/16/10	9:11	-5.2	80	7.0	0
03/21/11	10:14	-8.5	129	11.3	0
06/29/11	9:43	-8	201	17.5	0
09/23/11	14:29	-9	107	9.3	0
12/27/11	9:05	-8.7	156	13.6	0
03/21/12	8:10	-8.4	278	24.2	0
06/28/12	9:33	-8	199	17.4	0
09/30/12	11:26	-8.7	166	14.5	0
12/28/12	13:36	-8.2	219	19.1	0
03/20/13	10:22	-8.8	178	15.5	0
06/26/13	9:17	-9	362	31.6	0
09/25/13	15:20	-8.8	219	19.1	0

APPENDIX E
TABLE 3
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-3
ZONE 1 - ENCLOSURE 1

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	12:42	-3	450	39.3	2.2
09/24/08	8:20	-2.6	430	37.5	0.4
09/27/08	12:00	-2.5	442	38.6	0.2
10/01/08	10:58	-2.7	502	43.8	2.5
10/01/08 2ND ROUND	14:23	--	537	46.8	1.4
10/09/08	15:37	-2.1	507	44.2	3.1
10/16/08	12:20	10	940	82.0	17.1
10/16/2008 AFTER CHANGES	16:30	-9.6	690	60.2	14.8
11/14/08	11:56	-6	817	71.3	5.2
12/16/08	11:08	-10	1035	90.3	3.8
01/13/09	9:50	-10	860	75.0	2.4
02/12/09	11:13	-10	780	68.0	1.8
03/16/09	12:50	-10.5	877	76.5	2.3
04/28/09	9:49	-12	770	67.2	2.2
05/27/09	10:52	-8	643	56.1	1.3
06/18/09	11:27	-10	838	73.1	2.8
09/22/09	9:23	-5	640	55.8	1.3
12/22/09	9:28	-5	619	54.0	1.6
03/25/10	8:57	-8	862	75.2	0
06/11/10	9:28	-6.6	312	27.2	0.1
09/20/10	8:47	-6.3	389	33.9	0.2
12/16/10	9:28	-3	397	34.6	0
03/21/11	10:12	-7	461	40.2	0
06/29/11	9:58	-6.7	488	42.6	0
09/23/11	14:46	-8	400	34.9	0
12/27/11	9:15	-8	419	36.5	0
03/21/12	8:20	-7.7	456	39.8	0
06/28/12	9:57	-6.8	464	40.5	0
09/30/12	11:43	-7.7	439	38.3	0
12/28/12	13:43	-7.6	446	38.9	0
03/20/13	10:39	-7.8	405	35.3	0
06/26/13	9:34	-8.1	368	32.1	0
09/25/13	15:36	-8	399	34.8	0

APPENDIX E
TABLE 4
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-4
ZONE 1 - ENCLOSURE 1

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	12:40	-3.6	665	58.0	0.8
09/24/08	8:24	-3.2	635	55.4	0
09/27/08	12:10	-1	472	41.2	0
10/01/08	11:02	-1.4	496	43.3	0
10/01/08 2ND ROUND	14:25	--	540	47.1	0
10/09/08	15:39	-1	565	49.3	1.2
10/16/08	12:25	-10	516	45.0	22.1
10/16/2008 AFTER CHANGES	16:32	-10	579	50.5	22.7
11/14/08	11:02	-2	504	44.0	23
12/16/08	11:10	-12	587	51.2	10.6
01/13/09	9:52	-11	602	52.5	6.8
02/12/09	11:21	-11.5	465	40.6	4.7
03/16/09	13:04	-11	690	60.2	5.6
04/28/09	9:51	-12.5	645	56.3	5
05/27/09	10:54	-8.5	621	54.2	4.4
06/18/09	12:00	-3.4	544	47.4	2.7
09/22/09	9:47	-7	412	35.9	2.1
12/22/09	9:49	-7	416	36.3	1.7
03/25/10	8:12	-8	756	65.9	0
06/11/10	9:40	-6.8	288	25.1	0.1
09/20/10	8:53	-6.3	336	29.3	0.4
12/16/10	9:24	-3.8	208	18.1	0
03/21/11	10:30	-7.5	152	13.3	0
06/29/11	10:02	-7.2	240	20.9	0
09/23/11	14:50	-8	112	9.8	0
12/27/11	9:23	-7.8	138	12.0	0.1
03/21/12	8:28	-7.4	301	26.3	0
06/28/12	10:03	-7.3	243	21.2	0
09/30/12	11:47	-7.6	172	15.0	0
12/28/12	13:57	-7.5	217	18.9	0
03/20/13	10:43	-7.7	190	16.6	0
06/26/13	9:38	-8.1	368	32.1	0
09/25/13	15:39	-7.7	232	20.2	0

APPENDIX E
TABLE 5
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-5
ZONE 1 - ENCLOSURE 1

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	12:33	-3.6	440	38.4	20.7
09/24/08	9:02	-3.1	490	42.7	0
09/27/08	11:17	-3	541	47.2	0.1
10/01/08	10:25	-3	535	46.7	16.8
10/01/08 2ND ROUND	14:15	--	585	51.0	12.7
10/09/08	15:35	-3.1	579	50.5	10.2
10/16/08	11:42	-10	978	85.3	2.7
10/16/2008 AFTER CHANGES	16:28	-9.4	699	61.0	2.4
11/14/08	11:22	-9.5	717	62.5	22.2
12/16/08	10:20	-11.5	636	55.5	0
01/13/09	9:00	-11	550	48.0	2.1
02/12/09	10:50	-11	458	39.9	2
03/16/09	13:10	11	780	68.0	2.2
04/28/09	10:00	-8	652	56.9	3.7
05/27/09	11:32	-8.5	876	76.4	2.7
06/18/09	12:03	-10	860	75.0	3.4
09/22/09	9:50	-6	592	51.6	1.7
12/22/09	9:53	-6.5	581	50.7	2
03/25/10	8:15	-9	901	78.6	0
06/11/10	10:00	-6.4	599	52.2	0
09/20/10	7:58	-6	619	54.0	0.1
12/16/10	8:43	-3.9	325	28.3	0
03/21/11	10:52	-8	376	32.8	0
06/29/11	9:07	-7.5	429	37.4	0
09/23/11	15:00	-8.75	309	27.0	0
12/27/11	9:31	-8.6	366	31.9	0
03/21/12	8:36	-8.4	449	39.2	0
06/28/12	9:06	-7.7	417	36.4	0
09/30/12	11:57	-8.4	346	30.2	0
12/28/12	14:07	-8.1	368	32.1	0
03/20/13	10:53	-8.4	319	27.8	0
06/26/13	9:48	-8.6	289	25.2	0
09/25/13	15:47	-8.5	304	26.5	0

APPENDIX E
TABLE 6
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-6
ZONE 1 - ENCLOSURE 2

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	13:20	-2.3	440	38.4	6.2
09/24/08	7:54	-2	230	20.1	0.3
09/27/08	11:41	-1.7	433	37.8	0
10/01/08	10:47	-1.6	499	43.5	6.4
10/09/08	15:20	2.7	0	0.0	5.9
10/16/08	11:58	-10.5	501	43.7	65
11/14/08	11:41	-15	613	53.5	10.7
12/16/08	10:58	-19	900	78.5	2.2
01/13/09	9:22	-16.5	885	77.2	1.6
02/12/09	11:05	-17.5	769	67.1	1
03/16/09	13:45	-15.5	756	65.9	1.3
04/28/09	9:12	-16	777	67.8	1.4
05/27/09	11:07	-10	528	46.1	1.6
06/18/09	11:09	-13	644	56.2	2.3
09/22/09	9:03	-7.1	388	33.8	1.7
12/22/09	8:59	-5.9	370	32.3	1.3
03/25/10	8:36	-9	497	43.3	0.1
06/11/10	9:04	-6.4	217	18.9	0.2
09/20/10	8:16	-6.2	326	28.4	0.4
12/16/10	9:03	-5	75	6.5	0
03/21/11	10:07	-9.5	141	12.3	0
06/29/11	9:15	-9.2	169	14.7	0
09/23/11	15:06	-9.8	120	10.5	0
12/27/11	9:38	-9.5	168	14.7	0
03/21/12	8:42	-9.2	239	20.8	0
06/28/12	9:05	-9.3	158	13.8	0
09/30/12	12:03	-9.4	145	12.6	0
12/28/12	14:13	-9	188	16.4	0
03/20/13	10:59	-9.7	155	13.5	0
06/26/13	9:54	-10	149	13.0	0
09/25/13	15:53	-9.7	223	19.5	0

APPENDIX E
TABLE 7
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-7
ZONE 1 - ENCLOSURE 2

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	13:23	-2.3	230	20.1	0.6
09/24/08	7:47	-0.21	220	19.2	14.2
09/27/08	11:35	-1.8	215	18.8	0
10/01/08	10:39	-1.7	307	26.8	0
10/09/08	15:17	2.5	351	30.6	0.9
10/16/08	11:56	-10.5	556	48.5	1.3
11/14/08	11:38	-14	417	36.4	8
12/16/08	10:50	-19	968	84.4	0.1
01/13/09	9:20	-16.5	915	79.8	0.2
02/12/09	11:03	-19	744	64.9	0.4
03/16/09	13:42	-15	852	74.3	0.5
04/28/09	10:14	-15	774	67.5	0.9
05/27/09	11:08	-10.2	641	55.9	0.6
06/18/09	11:07	-13	714	62.3	1.4
09/22/09	9:00	-7	760	66.3	0.8
12/22/09	9:03	-5.8	721	62.9	0.9
03/25/10	8:33	-9	530	46.2	1
06/11/10	9:09	-6	491	42.8	0.7
09/20/10	8:21	-5.8	591	51.5	1.1
12/16/10	8:58	-4.8	90	7.9	0
03/21/11	10:00	-8.5	370	32.3	0
06/29/11	9:33	-8.3	411	35.8	0
09/23/11	14:18	-9	339	29.6	0
12/27/11	8:58	-8.8	366	31.9	0
03/21/12	8:03	-8.5	389	33.9	0
06/28/12	9:23	-8.4	404	35.2	0
09/30/12	11:15	-8.8	376	32.8	0
12/28/12	13:25	-8.6	402	35.1	0
03/20/13	10:11	-9	354	30.9	0
06/26/13	9:06	-9.2	343	29.9	0
09/25/13	15:07	-9.3	389	33.9	0

APPENDIX E
TABLE 8
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-8
ZONE 1 - ENCLOSURE 2

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	13:30	-1.8	620	54.1	0.8
09/24/08	8:59	-1.6	700	61.1	0
09/27/08	11:21	-1	640	55.8	0.4
10/01/08	10:33	-1.8	630	55.0	0
10/09/08	15:09	-1	854	74.5	0.8
10/16/08	11:46	-9.5	602	52.5	37.4
11/14/08	11:18	-14.5	617	53.8	46
12/16/08	10:35	-20	808	70.5	0
01/13/09	9:09	-16	905	78.9	6.8
02/12/09	10:46	-20	639	55.7	5.5
03/16/09	13:26	-15	755	65.9	7.9
04/28/09	10:07	-16	748	65.2	8.9
05/27/09	11:28	-9.5	610	53.2	4
06/18/09	12:12	-13	446	38.9	7.9
09/22/09	10:02	-6	335	29.2	0.3
12/22/09	10:06	-5.6	315	27.5	0.2
03/25/10	8:23	-8.5	632	55.1	0
06/11/10	10:13	-5.6	381	33.2	0
09/20/10	8:03	-5	480	41.9	0.1
12/16/10	8:52	-4.4	299	26.1	0
03/21/11	11:03	-8	429	37.4	0
06/29/11	9:23	-7.5	449	39.2	0
09/23/11	14:10	-8.5	391	34.1	0
12/27/11	8:50	-8.5	411	35.8	0.1
03/21/12	7:55	-8.3	442	38.6	0.2
06/28/12	9:12	-7.4	430	37.5	0
09/30/12	11:07	-8.2	417	36.4	0.1
12/28/12	13:17	-8.1	433	37.8	0
03/20/13	10:03	-8.7	387	33.8	0.1
06/26/13	8:58	-8.8	366	31.9	0.1
09/25/13	14:59	-8.4	402	35.1	0.1

APPENDIX E
TABLE 9
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-9
ZONE 1 - ENCLOSURE 2

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	13:28	-1.9	200	17.4	0.8
09/24/08	9:04	-1.5	200	17.4	0
09/27/08	11:08	-1.8	198	17.3	0.5
10/01/08	10:19	-1.3	260	22.7	0
10/09/08	15:06	-1.6	306	26.7	1.3
10/16/08	11:30	-9	434	37.9	5.4
11/14/08	11:14	-14	640	55.8	2.6
12/16/08	10:48	-19	796	69.4	0
01/13/08	9:15	-17	908	79.2	1.5
02/12/09	10:34	-19.8	698	60.9	0.8
03/16/09	13:31	-15	718	62.6	2.3
04/28/09	10:09	-15	723	63.1	2.4
05/27/09	11:39	-10	540	47.1	20
06/18/09	12:24	-13	586	51.1	1.8
09/22/09	10:12	-6	337	29.4	0
12/22/09	10:28	-5.5	309	27.0	0.1
03/25/10	8:05	-9	510	44.5	0
06/11/10	10:20	-5.7	279	24.3	0.1
09/20/10	7:48	-5.5	361	31.5	0.3
12/16/10	8:35	-4.2	79	6.9	0
03/21/11	11:11	-8.2	186	16.2	0
06/29/11	8:55	-8	230	20.1	0
09/23/11	14:04	-8.5	141	12.3	0.1
12/27/11	8:45	-8.4	200	17.4	0.2
03/21/12	7:50	-8.2	243	21.2	0.3
06/28/12	8:44	-8	204	17.8	0
09/30/12	11:01	-8.2	172	15.0	0.2
12/28/12	13:11	-8.1	200	17.4	0.1
03/20/13	9:57	-8.4	156	13.6	0.1
06/26/13	8:52	-8.5	142	12.4	0
09/25/13	14:53	-8.2	243	21.2	0.1

APPENDIX E
TABLE 10
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-10
ZONE 1 - ENCLOSURE 2

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	13:34	-2	350	30.5	0
09/24/08	8:57	-1.7	400	34.9	0.3
09/27/08	10:40	-1.5	381	33.2	0.1
10/01/08	10:13	-1.5	398	34.7	0
10/09/08	15:03	-1.6	560	48.8	0.9
10/16/08	11:40	-10	605	52.8	5.2
11/14/08	11:10	-13.5	587	51.2	22.5
12/16/08	10:40	-20	774	67.5	0
01/13/09	9:11	-17	920	80.2	10
02/12/09	10:30	-10	716	62.5	4.6
03/16/09	15:06	-16	826	72.0	4.8
04/28/09	9:56	-15	742	64.7	3.6
05/27/09	11:35	-9.5	870	75.9	2.8
06/18/09	12:17	-14	801	69.9	2.9
09/22/09	10:05	-6	608	53.0	2.8
12/22/09	10:16	-5.6	581	50.7	3.4
03/25/10	10:25	-8.2	503	43.9	0.2
06/11/10	10:22	-5	304	26.5	0.3
09/20/10	7:52	-4.7	388	33.8	0.4
12/16/10	8:40	-3.7	330	28.8	0
03/21/11	10:50	-7	433	37.8	0
06/29/11	9:03	-6.7	487	42.5	0
09/23/11	14:55	-7.3	407	35.5	0
12/27/11	9:27	-7.1	461	40.2	0
03/21/12	8:32	-7.4	503	43.9	0.1
06/28/12	8:52	-6.9	445	38.8	0
09/30/12	11:51	-7	432	37.7	0.1
12/28/12	14:01	-6.8	465	40.6	0
03/20/13	10:47	-8	400	34.9	0.1
06/26/13	9:42	-8.2	384	33.5	0.1
09/25/13	15:42	-8	417	36.4	0.1

APPENDIX E
TABLE 11
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-11
ZONE 1 - ENCLOSURE 2

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	13:35	-2	220	19.2	0
09/24/08	8:53	-1.6	214	18.7	0.5
09/27/08	12:32	-1.5	224	19.5	0.3
10/01/08	11:30	-3	298	26.0	0
10/09/08	14:59	-1.6	287	25.0	1.1
10/16/08	12:39	-9.5	474	41.3	5.1
11/14/08	13:08	-13	540	47.1	0.09
12/16/08	10:31	-18.8	700	61.1	0.1
01/13/09	9:13	-16.5	840	73.3	0.2
02/12/09	12:32	-19	665	58.0	1.7
03/16/09	14:24	-16	728	63.5	1.4
04/28/09	9:59	-16	719	62.7	1.6
05/27/09	11:41	-9	762	66.5	1.2
06/18/09	12:47	-12	708	61.8	1.4
09/22/09	10:15	-6	709	61.8	0.6
12/22/09	10:24	-5.6	687	59.9	0.9
03/25/10	9:28	-8	471	41.1	0
06/11/10	10:24	-4.6	497	43.3	0
09/20/10	10:52	-4.2	546	47.6	0.1
12/16/10	10:04	-3.5	218	19.0	0
03/21/11	10:47	-7	372	32.4	0
06/29/11	10:48	-6.7	423	36.9	0
09/23/11	17:15	-7.5	329	28.7	0
12/27/11	10:28	-7.2	348	30.4	0
03/21/12	9:33	-7.1	341	29.7	0
06/28/12	8:52	-6.9	411	35.8	0
09/30/12	11:12	-7.1	377	32.9	0
12/28/12	13:22	-6.9	421	36.7	0
03/20/13	10:08	-7.4	346	30.2	0
06/26/13	9:03	-7.4	317	27.6	0
09/25/13	15:05	-7.1	344	30.0	0

APPENDIX E
TABLE 12
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-12
ZONE 1 - ENCLOSURE 3

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:52	-4.5	650	56.7	4.3
09/24/08	9:17	-3.6	640	55.8	0.2
09/27/08	13:05	-3.6	620	54.1	0.2
10/01/08	11:47	-3.5	632	55.1	0
10/09/08	14:50	-3.5	706	61.6	0.7
10/16/08	12:50	-18	1234	107.6	4
10/16/08 AFTER CHANGES	16:42	-16.5	927	80.9	3.3
11/14/08	12:28	-14	674	58.8	2.1
12/16/08	11:32	-19.5	1440	125.6	0.7
01/13/08	10:22	-19	1530	133.5	0.8
02/12/09	11:48	-12.5	803	70.0	0.3
03/16/09	14:39	-13.5	1040	90.7	0.2
04/28/09	11:05	-15	1295	113.0	0
05/27/09	11:50	-13	1060	92.5	12.1
06/18/09	13:01	-15	1234	107.6	9.9
09/22/09	10:31	-13	1105	96.4	0.5
12/22/09	10:42	-12.9	1001	87.3	1
03/25/10	9:32	-13	1420	123.9	0
06/11/10	11:38	-12.5	1102	96.1	0
09/20/10	10:46	-12	1198	104.5	0.1
12/16/11	10:10	-14	630	55.0	0
03/21/11	12:07	-14.6	585	51.0	0
06/29/11	10:57	-14.2	602	52.5	0
09/23/11	16:00	-14.7	521	45.4	0
12/27/11	10:24	-15.1	540	47.1	0
03/21/12	9:29	-15.2	588	51.3	0
06/28/12	10:46	-14	589	51.4	0
09/30/12	13:51	-14.5	539	47.0	0
12/28/12	13:51	-14.2	575	50.2	0
03/20/13	12:47	-14.75	478	41.7	0.1
06/26/13	10:43	-15	426	37.2	0.1
09/25/13	17:43	-14.3	467	40.7	0.1

APPENDIX E
TABLE 13
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-13
ZONE 1 - ENCLOSURE 3

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:53	-7	425	37.1	1.8
09/24/08	9:21	-5.5	450	39.3	0.1
09/27/08	13:08	-6	431	37.6	0.2
10/01/08	11:44	-6	428	37.3	0.1
10/09/08	14:46	-6.5	647	56.4	0.5
10/16/08	12:52	-21.5	781	68.1	4.9
10/16/08 AFTER CHANGES	16:49	-21.8	822	71.7	5.6
11/14/08	12:33	-21	804	70.1	1.1
12/16/08	11:37	-24	993	86.6	1.6
01/13/09	10:30	-23.5	936	81.6	3.9
02/12/09	11:53	-22	714	62.3	0.6
03/16/09	14:34	-18	898	78.3	0.2
04/28/09	11:31	-18	899	78.4	0.2
05/27/09	12:10	-17.5	835	72.8	7.8
06/18/09	13:09	-20	819	71.4	4.4
09/22/09	10:42	-17	649	56.6	0.3
12/22/09	10:46	-17.1	637	55.6	0.1
03/25/10	9:40	-17	796	69.4	0
06/11/10	11:30	-16.5	412	35.9	0
09/20/10	11:23	-15.5	481	42.0	0.1
12/16/10	10:18	-17.5	372	32.4	0
03/21/11	12:16	-18	565	49.3	0
06/29/11	11:50	-17.7	599	52.2	0
09/23/11	15:52	-18.5	518	45.2	0
12/27/11	10:20	-18	520	45.4	0
03/21/12	9:25	-17.3	552	48.1	0.1
06/28/12	11:49	-16.5	568	49.5	0.1
09/30/12	12:48	-18.3	537	46.8	0.1
12/28/12	12:48	-17	581	50.7	0
03/20/13	11:44	-16.2	502	43.8	0.2
06/26/13	10:39	-16.2	488	42.6	0.1
09/25/13	16:37	-15.9	525	45.8	0.2

APPENDIX E
TABLE 14
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-14
ZONE 1 - ENCLOSURE 3

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:37	-6	520	45.4	41
09/24/08	8:47	-4.4	520	45.4	0.1
09/27/08	12:33	-4.4	449	39.2	0.1
10/01/08	11:26	-4.6	462	40.3	8.3
10/09/08	13:51	-6.5	626	54.6	15.2
10/16/08	12:43	-19	890	77.6	20
10/16/08 AFTER CHANGES	16:51	-19.3	931	81.2	21.6
11/14/08	12:21	-18	727	63.4	6.3
12/16/08	11:26	-22	1130	98.6	2.3
01/13/09	10:12	-21.5	1172	102.2	1.6
02/12/09	11:43	-21	754	65.8	0.4
03/16/09	14:22	-16.5	771	67.2	1.6
04/28/09	11:21	-17	825	72.0	1.1
05/27/09	10:13	-15	823	71.8	1.3
06/18/09	12:56	-18	1013	88.4	1.2
09/22/09	10:24	-15	732	63.8	0.9
12/22/09	10:34	-15.4	722	63.0	1.3
03/25/10	9:22	-15	678	59.1	0
06/11/10	11:41	-14.5	410	35.8	0
09/20/10	10:43	-14	449	39.2	0
12/16/10	9:57	-16	378	33.0	0
03/21/11	10:40	-16	442	38.6	0
06/29/11	10:52	-16	451	39.3	0
09/23/11	2:24	-16.4	399	34.8	0.1
12/27/11	11:40	-15.8	419	36.5	0.2
03/21/12	10:45	-15.3	473	41.3	0.1
06/28/12	10:33	-15.9	440	38.4	0.1
09/30/12	14:03	-16.8	428	37.3	0.1
12/28/12	14:03	-15.5	463	40.4	0.1
03/20/13	12:59	-16.4	399	34.8	0
06/26/13	11:54	-16.5	374	32.6	0
09/25/13	17:55	-15.8	421	36.7	0

APPENDIX E
TABLE 15
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-15
ZONE 1 - ENCLOSURE 3

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:57	-8	600	52.3	12.2
09/24/08	9:27	-6	630	55.0	0.1
09/27/08	13:24	-6	625	54.5	0.5
10/01/08	11:59	-6	628	54.8	1.3
10/09/08	14:44	-8	700	61.1	0.4
10/16/08	12:57	-21	856	74.7	7.9
10/16/08 AFTER CHANGES	16:53	-21.3	900	78.5	8.8
11/14/08	12:40	-21	718	62.6	2.2
12/16/08	11:42	-24.5	1097	95.7	1.2
01/13/08	10:59	-24	1148	100.1	0.7
02/12/09	12:04	-22	764	66.6	0.7
03/16/09	14:40	-17	1410	123.0	2.1
04/28/09	11:12	-19	930	81.1	0.8
05/27/09	12:17	-17	1230	107.3	2.4
06/18/09	13:20	-20	931	81.2	15.1
09/22/09	10:56	-17	1128	98.4	0.8
12/22/09	11:00	-16.9	1039	90.6	0.5
03/25/10	9:42	-14.6	1146	100.0	0.1
06/11/10	11:20	-14	994	86.7	0.9
09/20/10	11:40	-14	989	86.3	0.1
12/16/10	10:52	-17	366	31.9	0
03/21/11	12:10	-18	711	62.0	0
06/29/11	11:39	-17.5	744	64.9	0.1
09/23/11	16:07	-18.3	642	56.0	0.1
12/27/11	11:36	-17	661	57.7	0
03/21/12	10:41	-16.6	664	57.9	0.1
06/28/12	11:29	-17.3	723	63.1	0.2
09/30/12	13:02	-18	600	52.3	0.1
12/28/12	13:02	-16.6	649	56.6	0
03/20/13	12:58	-16.7	498	43.4	0.1
06/26/13	11:53	-16.8	469	40.9	0.2
09/25/13	17:54	-16.3	488	42.6	0.2

APPENDIX E
TABLE 16
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-16
ZONE 1 - ENCLOSURE 4

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:55	-0.32	345	30.1	0
09/24/08	9:08	-0.3	335	29.2	0.3
09/27/08	13:16	-0.28	336	29.3	0.5
10/01/08	11:39	-0.23	266	23.2	0
10/01/08 2ND ROUND	15:00	--	420	36.6	0.4
10/09/08	15:10	-2.6	653	57.0	7.8
10/16/08	15:28	5.7	546	47.6	2.1
11/14/08	13:14	-3.6	346	30.2	1
12/16/08	12:07	-6.5	501	43.7	0.2
01/13/08	10:40	-6	619	54.0	0.4
02/12/09	11:56	-4.7	434	37.9	0.3
03/16/09	14:32	-2.5	335	29.2	0.1
04/28/09	10:24	-3.5	511	44.6	0
05/27/09	9:46	-2.6	336	29.3	0
06/18/09	13:14	-3.4	393	34.3	1.7
09/22/09	10:49	-1.8	507	44.2	0.1
12/22/09	11:20	-1.4	500	43.6	0.3
03/25/10	9:46	-2.8	404	35.2	0
06/11/10	11:27	-3	341	29.7	0
09/20/10	11:04	-2.8	361	31.5	0
12/16/10	10:41	-2.4	199	17.4	0
03/21/11	11:24	-4	216	18.8	0
06/29/11	12:10	-3.8	229	20.0	0
09/23/11	15:26	-4.2	171	14.9	0
12/27/11	10:01	-4.4	200	17.4	0
03/21/12	9:06	-4.3	239	20.8	0
06/28/12	12:00	-3.2	265	23.1	0
09/30/12	15:26	-4.3	200	17.4	0
12/28/12	17:36	-4.2	211	18.4	0
03/20/13	14:22	-4.6	232	20.2	0
06/26/13	13:17	-5	209	18.2	0
09/25/13	19:15	-4.8	288	25.1	0

APPENDIX E
TABLE 17
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-17
ZONE 1 - ENCLOSURE 4

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:59	-0.4	580	50.6	0
09/24/08	9:30	-0.38	600	52.3	0
09/27/08	13:24	-0.36	566	49.4	0
10/01/08	11:54	-0.35	564	49.2	0
10/01/08 2ND ROUND	15:06	--	443	38.6	2
10/09/08	14:40	-0.29	490	42.7	0.3
10/16/08	15:21	-3.6	491	42.8	3.4
11/14/08	13:12	-2.5	442	38.6	1.7
12/16/08	12:05	-4.2	369	32.2	0.3
01/13/09	11:20	-3.8	354	30.9	0.5
02/12/09	12:00	-3.4	417	36.4	0.2
03/19/09	14:44	-1.8	307	26.8	0.8
04/28/09	10:30	-2.5	519	45.3	0.1
05/27/09	9:50	-2	370	32.3	0
06/18/09	13:22	-2.6	459	40.0	13.6
09/22/09	11:00	-2.2	456	39.8	0.7
12/22/09	11:47	-2	421	36.7	0.6
03/25/10	9:52	-2.5	454	39.6	0
06/11/10	11:28	-2.6	368	32.1	0
09/20/10	11:08	-2.5	389	33.9	0.1
12/16/10	10:56	-3	246	21.5	0
03/21/11	11:30	-3.2	282	24.6	0
06/29/11	11:42	-3.1	330	28.8	0
09/23/11	16:11	-3.6	244	21.3	0
12/27/11	11:30	-3.8	269	23.5	0
03/21/12	10:35	-3.9	299	26.1	0
06/28/12	11:33	-2.9	349	30.4	0
09/30/12	13:08	-3.1	259	22.6	0
12/28/12	15:18	-4.2	211	18.4	0
03/20/13	12:04	-3.4	269	23.5	0
06/26/13	10:59	-4	251	21.9	0
09/25/13	16:57	-3.7	296	25.8	0

APPENDIX E
TABLE 18
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-18
ZONE 1 - ENCLOSURE 4

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	15:01	-1.3	380	33.0	11.6
09/24/08	9:36	-1.4	352	30.7	0.2
09/27/08	13:59	-1.8	363	31.7	0.1
10/01/08	12:07	-1.2	342	29.8	0
10/01/08 2ND ROUND	15:21	--	300	26.2	4.1
10/09/08	15:49	-1.5	512	44.7	0.7
10/16/08	15:04	-4.5	590	51.5	0.9
11/14/08	12:51	-3.5	507	44.2	0.7
12/16/08	11:47	-5.5	535	46.7	0.5
01/13/09	11:03	-4.8	659	57.5	0.3
02/12/09	12:07	-4	557	48.6	0.1
03/16/09	14:52	-2.4	392	34.2	0.3
04/28/09	10:56	-3.4	566	49.4	0
05/27/09	10:06	-2.8	374	32.6	0.2
06/18/09	13:28	-3.5	508	44.3	7.1
09/22/09	11:10	-3.3	496	43.3	6
12/22/09	11:49	-2.7	470	41.0	4.1
03/25/10	10:16	-3.2	390	34.0	0
06/11/10	10:44	-5.2	564	49.2	0
09/20/10	11:44	-5	608	53.0	0.1
12/16/10	11:05	-3.6	308	26.9	0
03/21/11	11:52	-3.5	275	24.0	0
06/29/11	11:03	-3.3	317	27.6	0
09/23/11	16:50	-3.7	239	20.8	0
12/27/11	11:20	-3.8	277	24.2	0
03/21/12	10:25	-3.7	312	27.2	0
06/28/12	10:57	-3	332	29.0	0
09/30/12	13:46	-3.5	263	22.9	0
12/28/12	15:56	-3.4	299	26.1	0
03/20/13	12:42	-3.6	251	21.9	0
06/26/13	11:37	-4	218	19.0	0
09/25/13	17:38	-3.8	267	23.3	0

APPENDIX E
TABLE 19
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-19
ZONE 1 - ENCLOSURE 4

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	15:00	-2.2	220	19.2	17
09/24/08	9:32	-2.1	350	30.5	0.4
09/27/08	13:52	-2.0	235	20.5	0.2
10/01/08	12:03	-2.0	228	19.9	0
10/01/08 2ND ROUND	15:10	--	390	34.0	0.2
10/09/08	14:24	-2.5	404	35.2	0.9
10/16/08	13:00	-6.5	429	37.4	3.8
11/14/08	12:43	-5.2	419	36.5	1.4
12/16/08	11:44	-7.5	387	33.8	1
01/13/09	11:01	-8.0	356	31.1	1.1
02/12/09	12:05	-0.8	265	23.1	0.1
03/16/09	14:48	-3.8	338	29.5	0.1
04/28/09	10:52	-4.7	431	37.6	0.3
05/27/09	12:20	-3.0	303	26.4	5.3
06/18/09	13:24	-5.0	380	33.1	12.3
09/22/09	11:03	-4.0	535	46.7	0.5
12/22/09	11:36	-3.8	541	47.2	0.3
03/25/10	10:12	-4.3	360	31.4	0
06/11/10	10:49	-4.4	261	22.8	0
09/20/10	12:21	-4.4	329	28.7	0
12/16/10	11:00	-5.0	97	8.5	0
03/21/11	11:57	-4.5	256	22.3	0
06/29/11	11:34	-4.1	291	25.4	0
09/23/11	16:15	-4.6	240	20.9	0
12/27/11	11:24	-4.5	259	22.6	0
03/21/12	10:29	-4.4	299	26.1	0
06/28/12	11:24	-3.9	318	27.7	0
09/30/12	13:12	-4.4	255	22.2	0
12/28/12	15:22	-4.0	302	26.3	0
03/20/13	12:08	-4.6	243	21.2	0
06/26/13	11:03	4.9	223	19.5	0
09/25/13	17:01	-4.6	285	24.9	0

APPENDIX E
TABLE 20
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-20
ZONE 1 - ENCLOSURE 4

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	15:02	-1.8	490	42.7	5.5
09/24/08	9:39	-1.5	550	48.0	0.1
09/27/08	13:50	-1.4	470	41.0	0.1
10/01/08	12:09	-1.4	470	41.0	0
10/01/08 2ND ROUND	15:15	--	450	39.3	1.3
10/09/08	14:26	-1.4	580	50.6	0.2
10/16/08	13:05	-5	520	45.4	1
11/14/08	12:52	-3.7	550	48.0	0.6
12/16/08	11:49	-5.5	496	43.3	0.3
01/13/09	11:09	-8	585	51.0	0.02
02/12/09	12:10	-4.4	545	47.5	0.2
03/16/09	14:55	-2.5	430	37.5	0
04/28/09	10:50	-3.6	568	49.5	0
05/27/09	10:04	-2.8	370	32.3	0.2
06/18/09	13:07	-3	391	34.1	0.7
09/22/09	11:07	-3.5	491	42.8	5.6
12/22/09	11:57	-3.2	476	41.5	4
03/25/10	10:09	-2.8	491	42.8	0
06/11/10	10:53	-3.4	440	38.4	0.1
09/20/10	11:57	-3.2	475	41.4	0.3
12/16/10	11:22	-3.6	312	27.2	0
03/21/11	11:50	-2.5	358	31.2	0
06/29/11	11:10	-2	403	35.2	0
09/23/11	16:27	-3	322	28.1	0
12/27/11	11:16	-3.3	341	29.7	0
03/21/12	10:21	-3.4	388	33.8	0
06/28/12	11:00	-1.8	416	36.3	0
09/30/12	13:23	-3.1	346	30.2	0
12/28/12	15:33	-3	356	31.1	0
03/20/13	12:19	-3.5	340	29.7	0
06/26/13	11:14	-3.7	314	27.4	0
09/25/13	17:15	-3.5	355	31.0	0

APPENDIX E
TABLE 21
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-21
ZONE 1 - ENCLOSURE 4

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	15:00	-2.8	280	24.4	1.5
09/24/08	9:40	-2.5	300	26.2	0.1
09/27/08	13:39	-0.24	290	25.3	0.2
10/01/08	12:23	-2.5	304	26.5	0
10/01/08 2ND ROUND	15:19	--	404	35.2	1.6
10/09/08	14:38	-3.5	274	23.9	0.4
10/16/08	14:20	-3.7	395	34.5	1.2
11/14/08	13:10	-6	340	29.7	1.2
12/16/08	12:03	-8	489	42.7	0.5
01/13/09	11:14	-4.1	491	42.8	6.3
02/12/09	12:19	-6	276	24.1	0.3
03/16/09	15:02	-4.7	384	33.5	0
04/28/09	11:26	-2	352	30.7	0
05/27/09	9:52	-5	274	23.9	0.5
06/18/09	13:32	-6	278	24.2	9
09/22/09	11:10	-4.1	390	34.0	4.4
12/22/09	11:54	-3.9	399	34.8	3.2
03/25/10	9:54	-5	276	24.1	0
06/11/10	10:59	-5.4	200	17.4	0.1
09/20/10	12:03	-5	288	25.1	0.2
12/16/10	11:09	-5.8	96	8.4	0
03/21/11	11:33	-5	90	7.9	0
06/29/11	11:27	-4.6	139	12.1	0
09/23/11	16:23	-5	71	6.2	0
12/27/11	11:08	-4.9	126	11.0	0
03/21/12	10:13	-4.9	223	19.5	0
06/28/12	11:16	-4.2	176	15.4	0
09/30/12	13:20	-4.6	121	10.6	0
12/28/12	15:30	-4.4	203	17.7	0
03/20/13	12:16	-4.9	119	10.4	0
06/26/13	11:11	-5.1	108	9.4	0
09/25/13	17:12	-4.7	231	20.1	0

APPENDIX E
TABLE 22
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-22
ZONE 2 - ENCLOSURE 2

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	13:26	-2.1	200	17.4	0
09/24/08	10:02	-1.7	180	15.7	2.1
09/27/08	10:34	-1.6	200	17.4	0.9
10/01/08	11:33	-1.7	225	19.6	0
10/09/08	15:43	-2.1	312	27.2	0.5
10/16/08	13:32	-10	469	40.9	0.8
11/14/08	13:08	-13	540	47.1	0.09
12/16/08	12:09	-18.5	1026	89.5	0.3
01/13/09	10:53	-16.5	749	65.3	6.2
02/12/09	--	--	--	--	--
03/16/09	14:27	-15	706	61.6	0.8
04/28/09	10:17	-15	711	62.0	0.3
05/27/09	9:40	-9.5	481	42.0	1.6
06/18/09	11:02	-12.5	663	57.8	2.3
09/22/09	8:54	-7	400	34.9	0.4
12/22/09	8:46	-7.1	388	33.8	0.7
03/25/10	10:30	-4.8	362	31.6	0.2
06/11/10	10:12	-4.5	359	31.3	0.1
09/20/10	10:57	-4.1	388	33.8	0.2
12/16/10	10:35	-4.8	65	5.7	0
03/21/11	11:17	-8	188	16.4	0
06/29/11	8:50	-7.6	201	17.5	0
09/23/11	15:18	-8.6	190	16.6	0
12/27/11	NM	NM	NM	NM	NM
03/21/12	8:56	-8.2	221	19.3	0
06/28/12	8:41	-7.4	221	19.3	0.1
09/30/12	12:15	-8	219	19.1	0
12/22/12	14:25	-7.1	195	17.0	0
03/20/13	11:11	-8.2	239	20.8	0
06/26/13	10:06	-8.4	221	19.3	0
09/25/13	16:07	-7.9	302	26.3	0

APPENDIX E
TABLE 23
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-23
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	12:47	-0.52	187	16.3	0
09/24/08	8:17	-0.26	160	14.0	10.8
09/27/08	14:23	-1.7	166	14.5	0.9
10/01/08	10:55	-0.24	243	21.2	0
10/01/08 2ND ROUND	14:45	--	361	31.5	15.1
10/09/08	15:33	-0.52	335	29.2	0.8
10/16/08	12:16	-1.6	363	31.7	1.7
11/14/08	11:56	-0.61	354	30.9	1.8
12/16/08	11:06	-2.2	460	40.1	1.4
01/13/09	9:41	-16.5	749	65.3	0.2
02/12/09	11:16	-1.3	465	40.6	0.8
03/16/09	14:00	-1.6	490	42.7	0.8
04/28/09	9:26	-1.8	400	34.9	0
05/27/09	10:54	-0.8	322	28.1	0.8
06/18/09	11:25	-1.5	352	30.7	2.6
09/22/09	9:20	-1.9	373	32.5	1.1
12/22/09	9:22	-2	367	32.0	1.4
03/25/10	8:50	-0.52	320	27.9	0
06/11/10	9:33	-0.9	377	32.9	0
09/20/10	8:40	-0.94	366	31.9	0.2
12/16/10	9:19	-0.2	104	9.1	0
03/21/11	10:23	-0.28	141	12.3	0
06/29/11	9:54	-0.87	166	14.5	0
09/23/11	14:41	-1.5	128	11.2	0
12/27/11	9:12	-1.7	139	12.1	0
03/21/12	8:17	-2.2	189	16.5	0
06/28/12	9:44	-0.75	178	15.5	0
09/30/12	11:37	-1.1	136	11.9	0
12/28/12	13:47	-0.9	186	16.2	0
03/20/13	11:37	-1.2	147	12.8	0
06/26/13	10:32	-1.9	130	11.3	0
09/25/13	16:32	-1.1	199	17.4	0

APPENDIX E
TABLE 24
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-24
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:45	-0.67	475	41.4	0
09/24/08	8:29	-0.46	350	30.5	0.1
09/27/08	12:14	-0.41	349	30.4	0.1
10/01/08	11:10	-0.42	418	36.5	0
10/01/08 2ND ROUND	14:43	--	357	31.1	11.1
10/09/08	14:13	-0.51	349	30.4	12.3
10/16/08	12:27	-1.6	336	29.3	6.1
11/14/08	12:00	-0.47	299	26.1	4.9
12/16/08	11:15	-1.6	367	32.0	2.3
01/13/09	9:57	-0.92	339	29.6	1.4
02/12/09	11:25	-1.7	383	33.4	1.5
03/16/09	14:03	-1.5	363	31.7	1
04/28/09	9:30	-1.7	332	29.0	0.9
05/27/09	10:30	-0.8	283	24.7	0
06/18/09	11:30	-1.4	294	25.6	1.8
09/22/09	9:25	-1.8	303	26.4	0.4
12/22/09	9:25	-1.7	321	28.0	0.6
03/25/10	9:00	-1.1	399	34.8	0
06/11/10	9:46	-0.7	393	34.3	0
09/20/10	10:21	-0.8	389	33.9	0
12/16/10	9:34	-0.05	192	16.7	0
03/21/11	10:22	-1	260	22.7	0
06/29/11	10:14	-0.92	257	22.4	0
09/23/11	17:15	-1.6	209	18.2	0
12/27/11	10:42	-1.8	250	21.8	0
03/21/12	9:47	-2.1	268	23.4	0
06/28/12	10:03	-0.75	276	24.1	0
09/30/12	14:12	-1.4	216	18.8	0
12/28/12	16:22	-1.3	235	20.5	0
03/20/13	14:12	-1.5	237	20.7	0
06/26/13	13:07	-2	223	19.5	0
09/25/13	19:08	-1.7	268	23.4	0

APPENDIX E
TABLE 25
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-25
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:42	-1	230	20.1	2.7
09/24/08	8:42	-0.76	247	21.5	0.2
09/27/08	14:10	-0.68	230	20.1	0.5
10/01/08	11:18	-0.75	312	27.2	2
10/01/08 2ND ROUND	14:42	--	448	39.1	12.8
10/09/08	14:06	-0.95	544	47.4	3.6
10/16/08	12:30	-2.5	516	45.0	7.3
11/14/08	12:15	-2.5	534	46.6	1.4
12/16/08	11:19	-3.5	370	32.3	2.9
01/13/08	10:03	-2.5	384	33.5	1.3
02/12/09	11:40	-3.35	430	37.5	1.4
03/16/09	14:10	-2.8	339	29.6	1.1
04/28/09	9:44	-3	341	29.7	0.8
05/27/09	10:46	-1.7	376	32.8	0.5
06/18/09	11:48	-1.8	383	33.4	0.6
09/22/09	9:38	-2.2	397	34.6	0.3
12/22/09	9:44	-2	380	33.1	0.4
03/25/10	9:11	-1.4	350	30.5	0
06/11/10	9:58	-1.1	402	35.1	0.1
09/20/10	10:26	-1.2	421	36.7	0
12/16/11	11:26	-0.7	209	18.2	0
03/21/11	10:32	-1.4	236	20.6	0
06/29/11	12:20	-1.2	259	22.6	0
09/23/11	17:10	-1.6	201	17.5	0
12/27/11	10:36	-2	231	20.1	0
03/21/12	9:41	-1.9	275	24.0	0
06/28/12	12:11	-1	277	24.2	0
09/30/12	14:07	-1.3	223	19.5	0.2
12/28/12	16:17	-1.25	244	21.3	0.2
03/20/13	14:07	-1.35	239	20.8	0.1
06/26/13	13:01	-1.8	150	13.1	0
09/25/13	19:00	-1.5	197	17.2	0

APPENDIX E
TABLE 26
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-26
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:35	-0.43	130	11.3	50.3
09/24/08	8:44	-0.72	270	23.6	0.2
09/27/08	12:29	-0.77	287	25.0	0
10/01/08	11:24	-0.8	341	29.7	0
10/01/08 2ND ROUND	14:53	--	331	28.9	6.2
10/09/08	13:56	-0.5	345	30.1	1.6
10/16/08	12:36	-3.2	--	--	1.3
11/14/08	12:18	-1	326	28.4	0.5
12/16/08	11:26	-3.8	209	18.2	0.7
01/13/08	10:10	-2.5	322	28.1	0.4
02/12/09	11:00	-3.5	172	15.0	0.3
03/16/09	14:21	2.8	257	22.4	0.3
04/28/09	11:23	-2.6	320	27.9	0.5
05/27/09	10:16	-0.26	294	25.6	0
06/18/09	12:52	-1.5	316	27.6	0.2
09/22/09	10:20	-2	330	28.8	0.3
12/22/09	10:31	-2.3	301	26.3	0.1
03/25/10	9:18	-0.63	273	23.8	0
06/11/10	10:32	-0.5	394	34.4	0.1
09/20/10	10:18	-0.6	418	36.5	0.2
12/16/10	9:53	-0.4	129	11.3	0
03/21/11	10:37	-0.46	154	13.4	0
06/29/11	10:37	-0.55	177	15.4	0
09/23/11	17:06	-1	131	11.4	0.1
12/27/11	10:33	-1.4	148	12.9	0
03/21/12	9:38	-1.2	177	15.4	0
06/28/12	10:26	-0.5	183	16.0	0
09/30/12	14:03	-0.8	148	12.9	0.2
12/28/12	16:13	-0.7	168	14.7	0.2
03/20/13	14:03	-0.9	202	17.6	0.1
06/26/13	13:00	-1.2	172	15.0	0.1
09/25/13	19:02	-0.9	219	19.1	0.2

APPENDIX E
TABLE 27
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-27
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:43	-2.3	370	32.3	0
09/24/08	8:40	-1.6	350	30.5	0.5
09/27/08	12:18	-1.8	378	33.0	0
10/01/08	11:16	-1.5	401	35.0	0
10/01/08 2ND ROUND	14:38	--	352	30.7	5.2
10/09/08	14:08	-0.65	369	32.2	0.5
10/16/08	12:29	-1.8	364	31.7	1.1
11/14/08	12:09	-0.78	359	31.3	0.8
12/16/08	11:17	-2.6	342	29.8	0.4
01/13/09	10:00	-1.4	331	28.9	1.5
02/12/09	11:30	-2.3	359	31.3	0.2
03/16/09	14:05	-2.2	352	30.7	0.1
04/28/09	9:34	-2.4	357	31.1	0
05/27/09	10:24	-0.81	327	28.5	0
06/18/09	11:51	-1.5	342	29.8	0.2
09/22/09	9:41	-2	351	30.6	0.1
12/22/09	9:49	-1.6	357	31.1	0.1
03/25/10	9:07	-0.81	311	27.1	0
06/11/10	10:34	-0.7	320	27.9	0
09/20/10	10:30	-0.7	420	36.6	0
12/16/10	9:40	-0.55	145	12.6	0
03/21/11	10:30	-1	184	16.0	0.5
06/29/11	10:18	-0.9	202	17.6	0.3
09/23/11	17:20	-1.3	157	13.7	0.3
12/27/11	10:51	-1.5	144	12.6	0.1
03/21/12	9:56	-1.2	186	16.2	0.2
06/28/12	10:08	-1	193	16.8	0.2
09/30/12	14:16	-1.1	187	16.3	0.4
12/28/12	16:26	-0.95	200	17.4	0.4
03/20/13	14:16	-1.25	211	18.4	0.2
06/26/13	13:12	-1.5	188	16.4	0.1
09/25/13	19:33	-1.2	217	18.9	0.1

APPENDIX E
TABLE 28
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-28
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:38	-3	390	34.0	1.4
09/24/08	8:35	-2.4	225	19.6	0.5
09/27/08	12:25	-2.8	408	35.6	0.1
10/01/08	11:20	-2.2	457	39.9	0
10/01/08 2ND ROUND	14:36	--	351	30.6	7
10/09/08	13:59	-0.5	363	31.7	0.5
10/16/08	12:32	-3.7	250	21.8	2.8
11/14/08	12:16	-1	339	29.6	0.7
12/16/08	11:23	-5.5	317	27.6	0.8
01/13/09	10:06	-3.5	256	22.3	0.8
02/12/09	11:36	-4.8	195	17.0	0.6
03/16/09	14:17	-4.2	267	23.3	0.4
04/28/09	9:42	-3.4	270	23.6	0.1
05/27/09	10:18	-0.73	303	26.4	0
06/18/09	11:46	-1.6	333	29.0	0.2
09/22/09	9:35	-1.9	340	29.7	0.1
12/22/09	9:41	-1.8	307	26.8	0.1
03/25/10	9:13	-1.6	271	23.6	0
06/11/10	10:36	-0.6	363	31.7	0
09/20/10	10:33	-0.7	391	34.1	0.2
12/16/10	9:47	-0.4	122	10.6	0
03/21/11	10:35	-1.8	152	13.3	0
06/29/11	10:29	-1.6	181	15.8	0.1
09/23/11	17:00	-1.9	123	10.7	0.1
12/27/11	10:54	-1.7	151	13.2	0
03/21/12	9:59	-2	170	14.8	0
06/28/12	10:19	-1.4	201	17.5	0.1
09/30/12	13:57	-1.6	133	11.6	0.2
12/28/12	16:17	-1.5	167	14.6	0.2
03/20/13	13:57	-1.9	176	15.4	0
06/26/13	12:52	-2.1	148	12.9	0
09/25/13	18:53	-1.8	244	21.3	0.1

APPENDIX E
TABLE 29
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-29
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	14:27	-4	170	14.8	316
09/24/08	10:08	-2.1	159	13.9	0.5
09/27/08	14:27	-2	250	21.8	0
10/01/08	12:22	2	156	13.6	0
10/01/08 2ND ROUND	14:30	--	301	26.3	0
10/09/08	14:00	-2	212	18.5	0
10/16/08	14:22	-4.5	337	29.4	0.5
11/14/08	13:30	-3.6	206	18.0	1.1
12/16/08	12:14	-3.2	240	20.9	0.6
01/13/09	11:55	-3.3	229	20.0	0.1
02/12/09	12:37	-3.8	217	18.9	0.1
03/16/09	15:10	-3	236	20.6	0.2
04/28/09	9:50	-2.9	251	21.9	0.2
05/27/09	9:33	-0.64	259	22.6	0.1
06/18/09	13:30	-1.2	241	21.0	0.2
09/22/09	8:50	-1.4	311	27.1	0
12/22/09	9:19	-1.6	291	25.4	0
03/25/10	10:46	-1.2	266	23.2	0.1
06/11/10	10:41	-0.8	259	22.6	0.1
09/20/10	12:13	-0.9	268	23.4	0
12/16/10	11:29	-0.78	177	15.4	0.1
03/21/11	12:28	-1.1	164	14.3	0
06/29/11	10:58	-1	201	17.5	0.1
09/23/11	16:57	-1.3	139	12.1	0
12/27/11	10:55	-1.3	157	13.7	0
03/21/12	10:00	-1.2	185	16.1	0
06/28/12	10:47	-0.8	220	19.2	0.2
09/30/12	13:38	-1	151	13.2	0.1
12/28/12	15:48	-1.1	184	16.0	0.1
03/20/13	13:38	-1.3	188	16.4	0
06/26/13	12:33	-1.5	165	14.4	0
09/25/13	18:34	-1.3	234	20.4	0

APPENDIX E
TABLE 30
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-30
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	15:14	-2.2	220	19.2	4.8
09/24/08	9:45	-1.7	202	17.6	0.6
09/27/08	13:41	-1.5	157	13.7	0.1
10/01/08	12:20	-1.7	158	13.8	0
10/01/08 2ND ROUND	14:49	--	333	29.0	13.7
10/09/08	14:32	-2.1	325	28.3	0.4
10/16/08	13:10	-4.5	297	25.9	0.7
11/14/08	12:54	-3.2	311	27.1	0.9
12/16/08	11:51	-4.7	334	29.1	0.2
01/13/09	11:12	-4	371	32.4	0.2
02/12/09	12:14	-4.4	434	37.9	0.3
03/16/09	14:58	3.6	300	26.2	0
04/28/09	10:44	-4	386	33.7	0
05/27/09	10:00	-2.8	324	28.3	1.1
06/18/09	13:38	-3.5	238	20.8	3.7
09/22/09	11:20	-3	319	27.8	0.8
12/22/09	11:59	-2.8	290	25.3	1.3
03/25/10	10:03	-2.6	313	27.3	0
06/11/10	11:14	-2.6	191	16.7	0
09/20/10	11:50	-2.6	239	20.8	0.1
12/16/10	11:18	-2	151	13.2	0
03/21/11	11:43	-2	124	10.8	0
06/29/11	11:18	-1.8	197	17.2	0
09/23/11	16:40	-2	92	8.0	0
12/27/11	10:58	-2.1	113	9.9	0
03/21/12	11:03	-2	165	14.4	0.1
06/28/12	11:09	-1.6	219	19.1	0
09/30/12	13:35	-1.8	108	9.4	0
12/28/12	15:45	-1.65	133	11.6	0
03/20/13	13:35	-2	145	12.6	0
06/26/13	12:30	-2.2	131	11.4	0
09/25/13	18:30	-2	201	17.5	0

APPENDIX E
TABLE 31
SUMMARY OF FIELD DATA AT EXTRACTION POINT

EP-31
ZONE 2 - ENCLOSURE 5

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08	15:11	-2	215	18.8	9.6
09/24/08	9:43	-1.5	200	17.4	0.1
09/27/08	13:35	-1.5	195	17.0	0.1
10/01/08	12:13	-1.5	183	16.0	0
10/01/08 2ND ROUND	14:51	--	337	29.4	8.2
10/09/08	14:34	-1.2	361	31.5	0.9
10/16/08	13:14	-3.8	324	28.3	1.3
11/14/08	13:00	-2.9	255	22.2	1.2
12/16/08	12:01	-4.3	298	26.0	0.4
01/13/09	11:16	-3.4	263	22.9	0.2
02/12/09	12:16	-3.9	174	15.2	0.4
03/16/09	15:00	3.4	321	28.0	0.1
04/28/09	10:40	-3.4	340	29.7	0.1
05/27/09	9:58	-2.6	267	23.3	0
06/18/09	13:36	-3.4	208	18.1	7.8
09/22/09	11:16	-3.1	291	25.4	0.9
12/22/09	12:02	-2.8	276	24.1	1.2
03/25/10	10:00	-2.3	273	23.8	0
06/11/10	11:09	-2.4	108	9.4	0
09/20/10	12:17	-2.5	226	19.7	0.1
12/16/10	11:14	-2.2	99	8.6	0
03/21/11	11:40	-2.5	76	6.6	0
06/29/11	11:23	-2.3	113	9.9	0
09/23/11	16:36	-2.6	101	8.8	0
12/27/11	11:03	-2.5	129	11.3	0.1
03/21/12	10:08	-2.2	174	15.2	0.2
06/28/12	11:13	-2.1	129	11.3	0
09/30/12	13:37	-2.5	117	10.2	0
12/28/12	15:47	-2.35	140	12.2	0
03/20/13	13:37	-2.75	169	14.7	0
06/26/13	12:31	-3	150	13.1	0
09/25/13	18:32	-2.8	221	19.3	0

APPENDIX E
TABLE 32
SUMMARY OF FIELD DATA AT EXTRACTION POINT

VES-109
ZONE 1 - ENCLOSURE 3

DATE	TIME	VACUUM (IW)	MEASURED VELOCITY ft/min	SSDS FLOWRATE scf/min	TVOC - PID ppmv
09/22/08		NOT CONNECTED YET			
09/24/08	9:14	-8	70	6.1	13.5
09/27/08	12:50	-8	70	6.1	2.1
10/01/08	11:50	-8	200	17.4	33.9
10/09/08	14:55	-9	409	35.7	18.1
10/16/08	12:44	-23	830	72.4	12.5
10/16/08 AFTER CHANGES	16:47	-22.8	846	73.8	12.9
11/14/08	12:25	-23	822	71.7	3.6
12/16/08	11:30	-26	993	86.6	1.6
01/13/09	10:18	-25	971	84.7	6.3
02/12/09	11:45	-24	759	66.2	0.8
03/16/09	14:41	-17	968	84.4	0.3
04/28/09	11:09	-21	850	74.1	1.0
05/27/09	11:47	-12.5	720	62.8	1.3
06/18/09	12:59	-14.5	712	62.1	5.1
09/22/09	10:27	-12	525	45.8	1.4
12/22/09	10:39	-12.2	505	44.0	1.6
03/25/10	9:30	-13	496	43.3	0.0
06/11/10	11:34	-12.5	402	35.1	0.0
09/20/10	11:11	-12	460	40.1	0.1
12/16/11	10:07	-11	240	20.9	0.0
03/21/11	12:25	-14	416	36.3	0.0
06/29/11	12:00	-14	469	40.9	0.0
09/23/11	15:56	-14.2	390	34.0	0.0
12/27/11	10:09	-15	426	37.2	0.0
03/21/12	9:14	-14.8	449	39.2	0.0
06/28/12	11:50	-14.1	445	38.8	0.0
09/30/12	12:52	-14	406	35.4	0.0
12/28/12	12:52	-14	451	39.3	0.0
03/20/13	11:48	-15	388	33.8	0.0
06/26/13	11:53	-15	365	31.8	0.1
09/25/13	16:44	-14.4	399	34.8	0.2

APPENDIX F: SUB-SLAB VAPOR CONTROL SYSTEM VAPOR PROBE FIELD DATA

APPENDIX F
TABLE 1
SUMMARY OF VACUUM MEASUREMENTS AT VAPOR PROBES

Sub-slab Vapor Control System

Former Risdon Facility, Danbury, CT

Date	ZONE 1											
	SV301	SV302 (aka VP-20B)	SV303	SV304	SV305	SV308	SV309	SV311	SV313	SV314	SV315	SV316
9/22/08 PRE-START UP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/22/08 POST-START UP	ND	-0.13	-0.4	-0.6	-0.04	-0.15	-0.36	-4	-0.26	-0.43	-0.42	-0.48
9/24/2008	ND	-0.02	-0.25	-0.4	-0.002	-0.005	-0.3	-3.2	-0.17	-0.28	-0.3	-0.25
9/27/2008	ND	-0.009	-0.1	-0.3	-0.001	-0.005	-0.27	-0.4	-0.16	-0.26	-0.29	-0.23
10/1/2008	ND	-0.08	-0.13	-0.31	-0.39	-0.004	-0.2	-1.4	-0.06	-0.24	-0.3	-0.18
10/9/2008	ND	-0.1	-0.01	-0.27	ND	-0.02	-0.21	-4.2	-0.05	-0.14	-0.36	-0.14
10/16/2008	ND	0.5	-0.62	-2.5	-0.1	-0.13	-1.5	-12	-0.1	-0.9	-1.2	-2.6
11/14/2008	ND	-0.7	-0.73	-4.2	-0.001	-0.08	-0.72	-14.5	-0.21	-0.5	-0.56	-1.3
12/16/2008	ND	-1.3	-1.5	-2.1	-0.34	-0.57	-2.2	-12.5	-0.31	-1.4	-1.3	-0.8
1/13/2009	ND	-0.9	-1.5	-6	-0.27	-0.24	-1.5	-1.6	-0.56	-1.6	-1.2	-1.7
2/12/2009	-0.001	-1.3	-1.4	-8	-0.41	-0.6	-1.7	-12	-0.58	-1.0	-1.0	-1.2
3/16/2009	-0.001	-0.86	-1.2	-5	-0.07	-0.48	-0.4	-1.7	-0.44	-0.36	-1.0	-0.9
4/28/2009	-0.003	-0.86	-2.6	-6.5	-0.4	-1.0	-0.9	-6	-0.48	-0.82	-0.86	-1.4
5/27/2009	ND	-0.58	-2.2	-3.5	-0.41	-0.12	-0.82	-4.6	-0.32	-0.5	-0.63	-1.1
6/18/2009	-0.002	-0.78	-2.4	-5	-6.9	-0.2	-1.5	-5.5	-0.44	-0.8	-8.4	-1.7
9/22/2009	ND	-0.4	-1.5	-2.2	-0.09	-0.11	-0.74	-1.7	-0.29	-0.7	-6	-0.7
12/22/2009	0.02	-0.65	-1.7	-2.0	-1.0	-0.2	-0.81	-1.6	-0.34	-1.0	-6.3	-0.8
3/25/2010	-0.01	-0.06	-0.17	-3.7	-1.3	-0.5	-1.2	-1.7	-0.34	-0.4	-0.62	-0.7
6/11/2010	ND	-0.34	-1.7	-1.9	-0.9	-0.16	0.8	-4.3	-0.1	-0.2	-0.09	-0.5
9/20/2010	ND	-0.25	-1.5	-1.6	-0.85	-0.12	0.7	-3.7	-0.2	-0.15	-0.1	-0.46
12/16/2010	ND	-0.24	-0.26	-1.2	-0.5	-0.9	-0.1	-4	-0.16	-0.08	-0.4	-1.5
3/21/2011	ND	-0.46	-1.6	-1.9	-0.88	-0.18	-2.5	-4.2	-0.19	-0.42	-2.5	-2.2
6/29/2011	ND	-0.51	-1.3	-1.8	-0.7	ND	-2.2	-3.7	-0.2	-0.39	-2.7	-2.1
9/23/2011	ND	-0.51	-1.7	-2.0	-1.0	-0.35	-2.7	-4.3	-0.25	-0.59	-2.6	-2.4
12/27/2011	ND	-0.63	-1.9	-2.3	-0.92	-0.45	-3.1	-3.8	-0.3	-0.66	-2.8	-2.7
3/21/2012	-0.71	-1.7	-2.2	-0.88	-0.25	-2.8	-0.46	-3.5	-0.32	-0.70	-3.0	-2.9
6/28/2012	ND	-0.4	-1.2	-1.9	-0.6	ND	ND	-3.5	ND	-2.0	-2.2	-1.9
9/30/2012	ND	-0.43	-1.4	-1.8	-0.92	-0.26	-2.4	-4.0	-0.2	-0.5	-2.5	-2.3
12/28/2012	0.06	-0.37	-1.36	-1.56	-0.8	-0.18	-2.3	-3.6	0.15	-0.42	-2.2	-2.16
3/20/2013	0.01	-0.55	-1.6	-1.95	-1	-0.5	-2.25	-3	-0.3	-0.75	-3	-2.65
6/26/2013	-0.03	-0.6	-1.75	-2	-1.1	-0.65	-2.3	-3	-0.45	-0.9	-3.2	-2.75
9/25/2013	-0.25	-0.45	-1.5	-1.9	-0.9	-0.45	-2.1	-2.75	-0.35	-0.75	-3	-2.4

Notes

All measurements recorded in inches of water (IW)

ND = vacuum not detected at < 0.001 IW

APPENDIX F
TABLE 1
SUMMARY OF VACUUM MEASUREMENTS AT VAPOR PROBES

Sub-slab Vapor Control System

Former Risdon Facility, Danbury, CT

Date	ZONE 1 PET AREA A			ZONE 1 PET AREA B					ZONE 2			ZONE 3	
	VP-17.5A	VP-25A	VP-30A	VP-7.5B	VP-15B	VP-25B	VP-32.5B	VP-40B	SV307	SV310	SV312	SV306	SV317
9/22/08 PRE-START UP	ND	ND	ND	ND	ND	0.05	ND	ND	ND	0.02	ND	ND	ND
9/22/08 POST-START UP	-0.34	-0.56	-1.9	-1.5	-0.5	-0.38	-0.3	-0.31	ND	-0.28	ND	ND	-0.01
9/24/2008	-0.24	-0.48	-1.3	-1.4	-0.35	-0.24	-0.24	-0.25	ND	-0.16	ND	ND	-0.001
9/27/2008	0.22	-0.46	-0.56	-1.2	-0.31	-0.23	-0.26	-0.22	ND	-0.15	ND	ND	ND
10/1/2008	-0.11	-0.33	-0.74	-0.93	-0.33	-0.26	-0.21	-0.28	ND	-0.16	-0.001	ND	ND
10/9/2008	-1	-0.32	-0.64	-1.8	-0.32	-0.29	-0.26	-0.28	ND	-0.1	-0.001	ND	ND
10/16/2008	0.66	-2.0	-1.2	-7.5	-2.8	-1.5	-1.6	-1.4	ND	-1.3	-0.01	ND	ND
11/14/2008	-1.6	-0.84	-0.9	-11	-4.7	-2.0	-2.4	-1.7	ND	-1.4	-0.02	ND	ND
12/16/2008	1.7	-3.6	-7.0	-4.4	-6.0	-3.0	-3.6	-2.6	ND	-2.4	-0.3	ND	ND
1/13/2009	-1.4	-1.7	-7.0	-13	-5.5	-2.5	-2.8	-1.9	ND	-0.74	ND	ND	-0.005
2/12/2009	-1.4	-1.5	-6	-15	-3.3	-2.1	-3.4	-2.2	ND	-0.63	-0.002	ND	ND
3/16/2009	0.38	-0.8	-2.2	-12	-5	-2.1	-2.3	-1.4	ND	-1.5	-0.002	ND	ND
4/28/2009	-0.29	-0.6	-3.6	-12	-5.0	-2.2	-2.6	-2.0	ND	-0.2	ND	ND	-0.16
5/27/2009	-0.73	-0.84	-1.7	-7.7	-3.5	-1.6	-1.6	-0.9	ND	-0.1	ND	ND	ND
6/18/2009	-1.1	-1.4	-3.4	-10.2	-4.4	-2.3	-2.3	-1.5	ND	-0.4	-1.4	ND	ND
9/22/2009	-1.0	-0.93	-1.5	-5	-2.5	-0.48	-1	-0.64	ND	-0.18	ND	-0.002	ND
12/22/2009	1.0	-1.0	-1.6	-5.3	-2.3	-0.4	-0.9	-0.51	ND	-0.14	ND	-0.006	ND
3/25/2010	-1.1	-1.0	-2.6	-7	-3.5	-1.0	-1.5	-1.0	ND	-0.5	ND	-0.01	-0.08
6/11/2010	-0.95	-1.0	-2.1	-3.2	-2.0	-7.0	-2.0	-6.0	ND	-0.05	ND	ND	ND
9/20/2010	-0.86	-0.8	-2	-2.6	-1.8	-6.0	-1.7	-5.5	ND	-0.08	ND	ND	ND
12/16/2010	-0.9	-1.0	-4	-2.6	-0.8	-0.04	-0.7	-0.3	ND	-0.14	ND	ND	ND
3/21/2011	-1.9	-1.0	-2.5	-5	-1.6	ND	-3.6	-0.36	ND	-0.17	-0.1	ND	ND
6/29/2011	-1.6	-0.82	-2	-4.6	-1.8	-0.1	-3.2	-0.44	ND	ND	ND	ND	ND
9/23/2011	-2.2	-1.4	-2.6	-5.2	-1.7	ND	-3	-0.5	ND	ND	ND	ND	ND
12/27/2011	-2.4	-1.5	-2.7	-5.7	-1.5	-0.2	-3.4	-0.56	ND	ND	ND	ND	ND
3/21/2012	-2.6	-1.0	-2.8	-4.8	-1.7	-1.9	-2.8	-0.68	ND	ND	ND	ND	ND
6/28/2012	-1.4	-0.64	-1.8	-4.0	-2.0	-0.2	-3.0	-0.2	ND	ND	ND	ND	ND
9/30/2012	-2.0	-1.5	-2.3	-5.0	-1.5	ND	-2.8	-0.38	ND	ND	ND	ND	ND
12/28/2012	-1.7	-1.3	-2	-4.4	-1.25	-0.02	-1.8	-0.22	ND	ND	ND	ND	ND
3/20/2013	-2.8	-1.8	-2	-4.6	-1.6	ND	-1.7	-0.25	ND	ND	ND	ND	ND
6/26/2013	-2.9	-2	-2.4	-6	-2	ND	-1.8	-0.35	ND	ND	ND	ND	ND
9/25/2013	-2.4	-16	-2.2	-4.9	-1.9	0.05	-1.5	-0.25	ND	ND	ND	ND	ND

Notes

All measurements recorded in inches of water (IW)

ND = vacuum not detected at < 0.001 IW

APPENDIX F
TABLE 2
SUMMARY OF TVOC-PID MEASUREMENTS AT VAPOR PROBES

Sub-slab Vapor Control System

Former Risdon Facility, Danbury, CT

Date	ZONE 1											
	SV301	SV302 (aka VP-20B)	SV303	SV304	SV305	SV308	SV309	SV311	SV313	SV314	SV315	SV316
9/22/2008 (1)	18.1	100	22	19.4	9.3	40.5	38.6	15.5	31.1	55.6	54.5	6.2
9/24/2008	46	29.2	19.7	13.5	9.5	19.5	2.6	0.5	0.5	0.4	0.1	0.5
9/27/2008	5.9	0.1	6.9	3.6	2.5	6.3	0.5	0.1	0.7	1.3	0.1	1.1
10/1/2008	4.4	4.2	ND	ND	0.1	ND	ND	ND	1.9	ND	ND	ND
10/9/2008	4.3	1.9	1.6	0.4	--	3.3	ND	0.1	2.4	0.4	0.3	0.4
10/16/2008	2.2	5.5	2.2	0.5	0.6	1.2	1.1	0.7	0.3	0.5	0.5	0.7
11/14/2008	3.2	2.5	1	2.2	2	2.1	1	0.5	0.5	0.03	0.07	1
12/16/2008	0.6	0.4	ND	1.6	0.2	0.8	ND	ND	0.2	0.1	0.2	ND
1/13/2009	1.5	0.4	1.9	2.8	ND	0.7	0.2	0.2	0.8	0.2	1.3	0.1
2/12/2009	0.4	0.1	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
3/16/2009	2.2	1	1.3	ND	ND	0.3	ND	ND	0.6	ND	1	ND
4/28/2009	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	6.4	0.8	0.3	0.5	0.2	0.8	ND	3.3	1.2	ND	ND	0.2
6/18/2009	5.2	0.8	0.2	1.3	0.7	ND	0.7	0.5	2.7	0.4	7.7	2.6
9/22/2009	0.5	0.7	0.7	ND	0.3	0.5	0.1	0.4	0.2	0.3	2.9	0.2
12/22/2009	0.6	0.8	0.4	ND	ND	0.2	ND	0.3	0.1	0.1	2.3	0.3
3/25/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6/11/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/20/2010	ND	ND	ND	0.1	0.1	0.1	0.1	0.1	ND	0.2	ND	ND
12/16/2010	0.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3/21/2011	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6/29/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/23/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/27/2011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
3/21/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
6/28/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/30/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/28/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3/20/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/25/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes
1 - measurements recorded prior to system startup
All results in ppmv.
TVOC = total volatile organic compound
PID = photoionization detector
ND = TVOC not detected by PID

APPENDIX F
TABLE 2
SUMMARY OF TVOC-PID MEASUREMENTS AT VAPOR PROBES

Sub-slab Vapor Control System

Former Risdon Facility, Danbury, CT

Date	ZONE 1 PET AREA A			ZONE 1 PET AREA B					ZONE 2			ZONE 3	
	VP-17.5A	VP-25A	VP-30A	VP-7.5B	VP-15B	VP-25B	VP-32.5B	VP-40B	SV307	SV310	SV312	SV306	SV317
9/22/2008 (1)	18.3	10.3	17.8	137	85.2	257	440	9.6	6.9	5	10.5	4	17.7
9/24/2008	12.9	0.6	8.1	2.8	13.2	25.7	7.9	17	5.7	9	4	3.1	11.1
9/27/2008	5.9	1.9	3.9	7.9	16.2	1.1	11	1.8	5.3	6.1	2.8	3.6	3.8
10/1/2008	ND	1.8	ND	ND	ND	49.5	22.4	ND	4	ND	0.3	ND	ND
10/9/2008	ND	0.4	0.3	1.9	0.7	1.2	4.8	0.5	4.7	0.6	1.9	0.1	0.4
10/16/2008	1.4	4.4	1.4	1.2	0.8	4.5	4.6	0.5	1.1	0.9	0.2	1.1	ND
11/14/2008	1	0.9	0.8	1.3	0.9	1.2	3.5	0.5	1	1.1	ND	1.4	1.6
12/16/2008	0.1	ND	0.1	ND	ND	ND	ND	0.1	1.1	0.4	--	0.1	0.2
1/13/2009	0.3	ND	0.6	0.4	0.2	0.2	0.6	0.3	0.5	0.7	0.6	ND	0.6
2/12/2009	ND	ND	ND	ND	ND	ND	0.1	ND	0.3	ND	ND	ND	ND
3/16/2009	0.1	ND	ND	1.4	ND	ND	0.01	ND	1.5	1.9	0.8	ND	0.3
4/28/2009	ND	ND	ND	0.2	0.6	ND	ND	0.2	ND	0.1	ND	ND	ND
5/27/2009	3.2	0.3	0.2	6.1	ND	1.2	1.1	ND	14	13.8	0.3	ND	ND
6/18/2009	6	1.4	2.1	0.2	0.1	ND	1.3	ND	10.3	0.1	0.8	ND	0.4
9/22/2009	3.3	0.1	0.1	0.3	ND	NM	ND	1.6	2.1	0.3	0.8	0.4	0.6
12/22/2009	3.0	ND	ND	0.4	ND	0.4	ND	0.9	1.6	0.4	1.0	1.0	0.9
3/25/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6/11/2010	0.1	ND	ND	ND	0.2	ND	0.1	ND	ND	ND	ND	ND	ND
9/20/2010	0.3	ND	ND	ND	0.4	0.1	0.1	ND	ND	ND	ND	ND	ND
12/16/2010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3/21/2011	ND	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6
6/29/2011	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9
9/23/2011	ND	1.7	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
12/27/2011	0.1	1.3	0.2	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.1
3/21/2012	0.2	1.0	0.1	ND	ND	ND	ND	ND	ND	ND	ND	0.2	0.1
6/28/2012	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/30/2012	ND	1.1	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2
12/28/2012	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3/20/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9/25/2013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes

1 - measurements recorded prior to system startup

All results in ppmv.

TVOC = total volatile organic compound

PID = photoionization detector

ND = TVOC not detected by PID