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## **PHASE II ENVIRONMENTAL SITE ASSESSMENT SUMMARY REPORT**

**Forster Mill  
581 Depot Street  
Wilton, Maine**

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***Prepared for:***

Town of Wilton  
158 Weld Road  
Wilton, Maine 04294

***On Behalf of:***

Maine Department of Environmental  
Protection Bureau of Remediation  
and Waste Management  
17 State House Station,  
Augusta, ME 04333

***Prepared by:***

TRC Environmental Corporation  
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(207) 879-1930



**December 2015**

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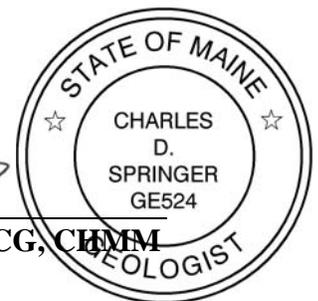
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## EXECUTIVE SUMMARY

TRC Environmental Corporation (TRC) performed a Phase II Environmental Site Assessment (ESA) for the Forster Mill at 581 Depot Street, in the Town of Wilton, Franklin County, Maine (collectively referred to as the “Site”). This Phase II ESA was performed for the Town of Wilton, ME on behalf of the Maine Department of Environmental Protection (MEDEP) through their Brownfields Program funded by the United States Environmental Protection Agency (EPA).

This Phase II ESA was performed to evaluate the recognized environmental conditions (RECs) identified in the American Society for Testing and Materials (ASTM) Phase I ESA completed by Ransom Consulting, Inc. for the Site in June 2015 (RCI, 2015) and assess Site conditions which may impact future redevelopment plans for the Site.

The Town of Wilton is planning on redeveloping the Site into a commercial and/or industrial property. To facilitate this plan, the Town is considering demolition of the mill buildings.

TRC conducted the Phase II ESA activities from September 21 to October 7, 2015 in accordance with the EPA approved Quality Assurance Project Plan (QAPP) (TRC, 2015). This technical approach was developed by the MEDEP to meet the specified objectives. This Phase II ESA was not intended to be a comprehensive Site evaluation, rather an order of magnitude assessment of whether the Site has been impacted by historical use and to provide information on whether or not additional assessment and/or remedial activities may be necessary. TRC executed the Phase II ESA scope of work on behalf of the MEDEP.

Please note that a Hazardous Building Materials Survey (conducted by Ransom Consulting, Inc., 2015) addresses potential hazardous building materials (asbestos, lead-based paint, PCB containing materials, etc.) at the Site. Hazardous building materials were excluded from TRC scope of work.

The following conclusions are based on TRC’s Phase II ESA:

Based on the results of this Phase II ESA, the following conclusions are made:

- **Site Safety** – TRC’s scope of work did not include a safety or stability assessment of the mill building. However, we feel it is important to note that there is a four story unsupported exterior masonry/brick wall onsite which is creating an unsafe or hazardous condition for workers and trespassers. This unsafe condition should be addressed quickly, likely through the removal of this unsupported wall.
- **Observed Site Conditions** – TRC observed similar Site conditions as described in the Phase I ESA.
  - The specific locations of ASTs and USTs (other than the 100,000-gal bunker oil UST) are not known;
  - TRC observed relatively small quantities of presumed hazardous wastes and/or petroleum products throughout the structures but concentrated on the

basement/first floors. Staining or other evidence of release was observed in some areas (see Hazardous Waste Inventory).

- Ash-like material was observed in the area around the smokestack (area of surficial soil sample S-4).
  - Floor drains, sumps, and open penstocks were observed in the basement of the building with standing water, sediment and debris located within the structures. At some locations, evidence of staining and odors were observed (see drain sediment samples).
  - Pipes and drains were observed on the bank of Wilson Stream (see sediment samples). Under the Mill building, black staining was observed on rocks (location of Sed-3).
  - Staining was observed on the floors throughout the site building on the floors, ceilings and walls (locations of PCB wipe samples);
- **Overburden Geology** – The Site is currently covered in asphalt, buildings, concrete, and grassy/overgrown areas, which are immediately underlain by till.
  - **Groundwater Flow Direction and Depth** – Groundwater flow beneath the Site is estimated to be in a southern to eastern direction, towards the Wilson Stream. Groundwater depths at the Site ranged from 4.65 to approximately 14.5 feet below grade. Non aqueous phase liquids (NAPL) were not encountered in the on-site monitoring wells.
  - **Geophysical Survey Results** – A geophysical survey was conducted to locate existing on-site utilities, screen boring locations, and trace pipes/drains. Drains were detected in the subsurface that were oriented from north to south. While the terminus of each drain was not located, it is assumed that most ultimately end in the subsurface underneath the building or at Wilson Stream. The Site is not (and to our knowledge has not been) connected to a process water system. The Site was connected to the Town sanitary sewer system in 1978.
  - **Soil Field Screening Results** – Soil samples were screened in the field during soil boring activities using the MEDEP bag headspace method, according to standard operating procedure No. TS004, for the presence of VOCs with a PID. PID screening results from the soil collected during drilling activities ranged from non-detect to 31.1 parts per million (ppm), which was the maximum concentration at MW-1 between 1 and 3 feet below ground), indicating VOC presence in a small portion of the Site soils located in close proximity to the former UST.
  - **Soil Analytical Results** – Relatively low concentrations of SVOC compounds and metals in soil are generally distributed across the entire Site and found at similar concentrations to the background soil samples. It is likely that SVOC compounds and metals in soil exceeding Commercial Worker RAGs and/or Construction Worker RAGs originated from historical operations at the Site.

Low concentration petroleum compounds, EPH carbon chain C11-C22 Aromatics, and certain PAHs and dibenzofuran were detected above RAGs, and appear to be localized in

the area around soil being MW-1 and SB-7. It is likely that petroleum based EPH compounds at soil boring MW-1 originated from the 100,000-gal concrete UST bunker (northwest portion of the Site).

- **Groundwater Analytical Results** – One VOC, one SVOC, and one metal were detected in the groundwater samples at concentrations below the Residential and/or Construction Worker RAGs. No other constituents were detected. Based on the collected samples and applicable RAGs, groundwater does not appear to be impacted at the Site.
- **Sub-Slab Soil Gas Analytical Results** – APH and TO-15 constituents were detected in soil gas samples below the Commercial Worker RAGs. There does not appear to be a correlation between the low level detections and the specific location in the mill building. Based on the collected samples, soil gas does not appear to be impacted at the Site.
- **Streambed Sediment Analytical Results** – Five SVOC compounds were detected above Park User and/or Construction Worker Scenario RAGs. Location Sed-3 (collected from under the mill building) does contain SVOC compounds that are slightly more elevated in comparison to the other three sample locations. Generally speaking, the four sediment samples (one upstream, one downstream, and two adjacent) have similar relative concentration of EPH, SVOC, and metal constituents. It is likely that historical Site operations had some effect on sediment quality but the extent is not known and/or if impacts are from an upstream source. Several drains from the mill buildings appear to discharge into Wilson Stream however specific historical processes were not directly linked to SVOC compounds in sediment.

Dibenzofurans were detected in onsite stream sediment as part of this assessment and in 1992.

- **Drain Sediment Analytical Results** – Two EPH and two metals were detected above the Commercial Worker and/or Construction Worker Scenario RAGs. Petroleum compounds and metals identified in material removed from drains indicate hazardous materials and petroleum products were used in the mill building and that impacted material does exist in Site drains. Drains are assumed to discharge to the subsurface underneath the building or to Wilson Stream.
- **Hazardous Waste Inventory** – TRC conducted a hazardous waste inventory on September 23, 2015 of safely accessible rooms/areas on each floor of the mill building, as well as the exterior metal shed, former sawdust shed, and photo shed. A total of fifteen types of potentially hazardous materials were identified including the following: paints, adhesives, silica gel desiccant, possible gasoline, propane, oxygen, and acetylene tanks, photo-development liquids, light ballasts, hydraulic oil, and unidentified liquids.

## Recommendations

Based on the results of this Phase II ESA, the following recommendations are made:

- Stabilize or remove the four story unsupported exterior masonry/brick wall as soon as possible to mitigate the safety hazard to site workers and trespassers. This wall should be stabilized or removed before winter conditions further degrade it;
- Secure both interior and exterior areas of the Site from potential trespassers which may vandalize and release petroleum and/or hazardous materials from the numerous containers within the buildings;
- Apply to the MEDEP's Voluntary Response Action Program (VRAP) to gain the liability protections afforded under the program and work with the Department to undertake possible additional assessment and/or remedial actions to mitigate human health exposure and ecological risk;
- Safely package for transport and dispose of all petroleum and/or hazardous materials containers offsite;
- Demolish the Site buildings and remove debris from the Site for offsite disposal. During demolition, consider the following:
  - Presence of possible hazardous building materials;
  - Presence of drain lines containing petroleum and/or hazardous materials;
  - Presence of petroleum and/or hazardous materials containers; and
  - Proximity of buildings to Wilson Stream.
- Once the Site buildings have been raised and debris removed from the Site, assess the most effective remedial action to mitigate human health exposure and ecological risk due to impacted soil (hotspot removal, clean cover capping, etc.); and
- Place a deed restriction on the Site limiting future redevelopment to commercial and/or industrial activity (unless additional assessment work is conducted to allow for residential and park user uses).

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## **1.0 INTRODUCTION**

TRC Environmental Corporation (TRC) performed a Phase II Environmental Site Assessment (ESA) for the Forster Mill at 581 Depot Street, in the Town of Wilton, Franklin County, Maine (the “Site”). This Phase II ESA was performed for the Town of Wilton on behalf of the Maine Department of Environmental Protection (MEDEP) through their Brownfields Program funded by the United States Environmental Protection Agency (EPA).

### **1.1 Objective**

This Phase II ESA was performed to evaluate the recognized environmental conditions (RECs) identified in the American Society for Testing and Materials (ASTM) Phase I ESAs completed by Ransom Consulting, Inc. for the Site in June 2015 (RCI, 2015) and assess Site conditions which may impact future redevelopment plans for the Site. The Phase I ESA identified ten RECs associated in connection with the Site. Further discussion of these RECs is provided in Section 2.2.

Note that TRC’s scope of work did not include a safety or stability determination of the mill building. However, we feel it is important to note that there is a four story unsupported exterior brick wall which is creating an unsafe or hazardous condition onsite. This unsafe condition should be addressed quickly, likely through the removal of this unsupported wall. Additionally, several areas of flooring, on all floors, within the mill contained large holes which are potentially unsafe.

### **1.2 Site Location and Surrounding Area Description**

The Site is located at 581 Depot Street in the Town of Wilton, Maine (Figure 1) between generally down-sloping topography which leads towards Wilson Stream. The Site is located on the southern side of Depot Street, and is abutted to east, south, and west by Wilson Stream. The tax assessor parcel no. is Map 5, Lot 094. The Site is a portion of a larger parcel of land, encompassing 17.65 acres, which is located on both the northern and southern sides of Wilson Stream, between Depot Street and Village View Street. For the purposes of this report, portions of the property (Map 5, Lot 094) located on the southern side of Wilson Stream (undeveloped wooded areas) are considered off-Site and adjacent.

### **1.3 Geologic and Hydrologic Conditions**

#### ***1.3.1 Soils/Geology***

Soils in the vicinity of the Site have been identified by TRC personnel as a heterogeneous unit of glacially-derived till. The till is comprised of silty sand containing gravel and cobbles. A copy of the soil borings is included in Appendix B. Soil identification is confirmed by the 1985 Surficial Geologic Map of Maine, in which soils at the Site are identified as till. According to the 1985 Bedrock Geologic Map of Maine, bedrock in the Site vicinity (is the) Mount Blue and Day Mountain member. Bedrock outcrops were not observed on Site during any of TRC’s phase II efforts.

### ***1.3.2 Surface Water Bodies/Floodplains***

The Site is bounded to the east, south and west by the Wilson Stream.

According to Ransom's Phase I ESA, no wetlands are present at the Site (based on the United States Fish and Wildlife Service National Wetland Inventory online wetlands mapper).

According to Ransom's Phase I ESA, the Site is not within the 100-year flood zone (based on the Franklin County, Maine National Flood Insurance Program Map Community Panel Number FM2300630010B). The Phase I ESA does note *"that because the Site is bounded to the east, south, and west by the Wilson Stream, there are limited areas on the stream banks which are considered flood areas."*

The Site is not located on a mapped sand and gravel aquifer (based on the Maine Geologic Survey Significant Sand and Gravel Aquifer Map (Open File No. 00-38-2000)).

### ***1.3.3 Hydrogeology***

It is anticipated that regional groundwater flow at the Site travels in a southerly to easterly direction towards the Wilson Stream. Groundwater was observed in temporary monitoring wells at depths ranging from 4.65 to 14.3 feet below ground surface (bgs) across the Site.

Permanent monitoring wells were not installed at the request of Maine DEP. As such a groundwater elevation survey was not performed. In addition, TRC personnel were unable to obtain a satellite signal of sufficient strength to locate sample locations via GPS due to surrounding buildings/topography (see Section 3.2.10). However, a relative gauging round was completed.

As stated in the Phase I ESA, *"Shallow groundwater flow may also be influenced by underground utilities, heterogeneous subsurface soil strata, and/or other subsurface structures, which may act as preferred pathways of flow."*

## 2.0 SITE HISTORY

A Phase I ESA report was prepared by Ransom Consulting, Inc. (Ransom) of Portland, Maine in June 2015. Much of the Site history presented below has been taken from this document. Directly-quoted text is in *italics*.

### 2.1 Historic Site Use

As stated in the Phase I ESA “*The four-story manufacturing building was constructed in 1902, and was operated as a woolen mill until the late 1950’s, at which time the Forster Manufacturing Company purchased the property and began manufacturing croquet sets, turnings, and clothespins. In 1955, Diamond Brands purchased the Site and began manufacturing toothpicks. In the early 2000’s, the main manufacturing building was used as a printing press/box cutting/packaging facility. A metal storage building, constructed sometime between 1940 and 1962, is located in the eastern portion of the Site. This building was historically used for storage of materials, and circa 1998, as an automobile storage facility for a local towing company.*

*Currently, the Site is occupied by a 232,000 square-foot, four-story manufacturing building. The (former) Site owners began conducting demolition activities in the southeastern portion of this building; however, due to the identified presence of asbestos-containing building materials (ACM) and a lack of funds, the demolition was not completed. The main manufacturing building is currently unheated, and is not provided with running water or electricity. The Site has been vacant/unused since circa 2010.”*

### 2.2 Previous Environmental Site Investigations

#### 2.2.1 Phase I Environmental Site Assessment - Ransom Consulting, Inc., 2015

Ransom’s Phase I ESA report listed ten RECs associated with the Site. These RECs are directly-quoted in *italics* below. Please see the Phase I ESA for additional information.

1. *The main manufacturing building has been used for industrial purposes since 1902, including a woolen mill; a manufacturer of croquet sets, clothespins, and toothpicks; and a printing/packaging facility. The historical industrial use of the Site building has the potential to have impacted soil, groundwater, sediments, pore water, and soil vapor at the site.*
2. *The main manufacturing building has been historically heated by coal, wood and oil-fired boilers. The Site formerly maintained a 1,000-gallon gasoline UST which was removed in 1986, and a concrete 100,000-gallon No. 6 fuel oil UST, which was abandoned-in-place in 1992. The exact location of the 1,000-gallon UST is unknown. As part of the abandonment-in-place of the 100,000-gallon UST, no soil samples were collected for laboratory analysis. Additionally, a 12,000-gallon No. 4 fuel oil AST was historically located inside the 100,000-gallon concrete vault; and in 2002, Shield observed the presence of four 275-gallon and one 250-gallon No. 6 fuel oil ASTs at the Site. The exact location of these ASTs is unknown.*

3. *The Site is currently identified as a RCRA SQG, and prior to 1997, the Site was classified as a RCRA LQG. The facility formerly used and generated hazardous wastes including: spent cleaning solvents and hazardous flammable substances (methyl ethyl ketone, alcohol, acetone, toluene, and butyl acetate); VOC-based paint, lacquer, and spray booth-related hazardous wastes; dyes and inks; PCB-contaminated material (transformers, capacitors, switches and ballasts); and two Safety-Keen parts cleaners with 35-gallon and 5-gallon reservoirs containing spent solvents. Hazardous wastes were stored onsite in the finishing department on the second floor of the main manufacturing building, the paint/spray booth area and a former maintenance shop on the first floor of the main manufacturing building, the hazardous waste storage area and the machine shop area located in the basement of the main manufacturing building, in the “motor and electrical equipment storage area at ground floor level at the rear of the mill complex,” and a “wood-framed building adjacent to the warehouse shipping area” (presumed Photo Shed).*
4. *The Site formerly maintained air emission licenses, and MEDEP correspondence indicates that the facility formerly burned solvent wastes (lacquer thinner, acetone, methyl ethyl ketone, butyl acetate, ethyl acetate and toluene), waste engine oil, and garbage in the wood- fired boiler. The MEDEP also documented historical violations associated with smokestack opacity limits, smokestack height, and downwash conditions. Potentially contaminated ash remains onsite beneath the concrete pads in the northern portion of the Site which formerly supported two historical stacks.*
5. *Floor drains, sumps, and open penstocks were observed throughout the basement of the main manufacturing building. Widespread staining, drums and containers, and evidence of dumping were observed in the general vicinity of these drains. It is likely that all of these drains discharged directly to Wilson Stream. Additionally, based on conversations with the Wilton wastewater department, it is known that the facility formerly discharged process water, condensate and cooling water, and pre-1978 sewer discharges directly to Wilson Stream. Ransom observed dozens of pipes and drains which currently/historically discharged from the building into Wilson Stream. Black staining was observed on the banks of Wilson Stream, beneath this portion of the building, which suggest that hazardous materials may have been discharged historically onto the banks of the stream, or into the stream itself. Historical environmental assessments, conducted by GZA in 1992, identified elevated concentrations of PAHs and dibenzofurans in onsite stream sediments.*
6. *According to Code Enforcement Office files, during the partial demolition of the main manufacturing building in 2011, the MEDEP permitted that construction and demolition debris from the building could be disposed onsite within a “cellar hole.” The demolition was later stopped due to friable asbestos being co-mingled with demolition debris. Abatement Professionals subsequently completed a partial asbestos abatement of exterior portions of the Site; however, it is likely that asbestos containing materials remain onsite in the main manufacturing building, and in onsite soils. The ACM present in the main manufacturing building has been address in the Hazardous Building Materials Survey,*

*which was conducted by Ransom concurrently with this ESA. However, there is the potential that ACM was disposed in the “cellar hole” onsite. The exact location of this “cellar hole” is unknown.*

- 7. During Ransom’s Site reconnaissance, 55-gallon drums, 5-gallon buckets, miscellaneous containers, and hazardous materials were observed throughout the Site buildings, in locations including: the metal storage building; the Photo Shed; the main manufacturing building basement; and the boiler room. Many of these containers contained unknown liquids, were unlabeled, or were in poor condition (rusted, leaking, etc.). Widespread staining was observed on the floors throughout the main manufacturing building, potentially in connection with these containers.*
- 8. Extensive black oily staining, assumed to be related to historical Site operations processes, was observed throughout the main manufacturing building, on the floors, ceilings and walls. Based on the age of the building, there is the potential that hydraulic oil used as part of historical Site operations contained PCBs.*
- 9. Three open-top dumpsters/roll-off containers onsite were observed at the Site. Two were filled with construction and demolition debris and general solid waste, and one had asbestos placarding and contained apparent ACM waste. The asbestos dumpster has reportedly been removed as of the date of this report. Staining on the ground beneath these dumpsters suggests that stormwater which is trapped in these containers eventually discharges overland towards Wilson Stream.*
- 10. Stormwater at the Site is expected to flow overland towards Wilson Stream, or into one of several onsite catch basins which discharge directly to Wilson Stream, or directly into one of the penstocks/tail races which run beneath the main manufacturing building. Roof drains also discharged directly to Wilson Stream. No provisions for pre-treatment of stormwater runoff were observed or historically noted at the Site.*

### **3.0 SITE INVESTIGATION**

The following sections summarize activities performed as part of TRC's Phase II ESA.

In September of 2015, prior to implementing the Phase II ESA, TRC prepared a MEDEP-approved Brownfields Program Site Specific Quality Assurance Project Plan, Forster Manufacturing, Town of Wilton, 581 Depot Street, Wilton, Maine (TRC, 2015) which documented the Phase II ESA technical approach.

This approach was developed by the MEDEP to meet the objectives specified below. This Phase II ESA was not intended to be a comprehensive Site evaluation, rather an order of magnitude assessment of whether the Site has been impacted by historical use and to provide information on whether or not additional assessment and/or remedial activities may be necessary. TRC executed the Phase II ESA scope of work on behalf of the MEDEP.

Please note that a Hazardous Building Materials Survey (conducted by others) addresses potential hazardous building materials (asbestos, lead-based paint, PCB containing materials, etc.) at the Site. Hazardous building materials were excluded from TRC scope of work.

A Site Plan depicting pertinent Site features is provided as Figure 2.

#### **3.1 Objective**

The objective of this project is to assess the RECs identified in the Phase I ESA and Site conditions which may impact future redevelopment plans for the Site. The specific tasks are listed below.

- Geophysical Survey
- Soil Borings and Soil Sampling
- Surficial Soil Background Sampling
- Monitoring Wells and Groundwater Sampling
- Streambed Sediment Sampling
- Sub-Slab Soil Gas Sampling
- Drain Soil/Sediment Sampling
- Building Interior PCB Wipe Samples
- Waste Oil Characterization

Data will be used to evaluate Site conditions and draft an Analysis of Brownfield Cleanup Alternatives (ABCA) preparing the Site for potential redevelopment.

#### **3.2 Technical Approach**

This technical approach from the approved Brownfields Program Site Specific Quality Assurance Project Plan is summarized below.

### **3.2.1 Geophysical Survey**

A geophysical survey was conducted by DigSmart to locate existing on-site utilities, screen ten boring locations, and trace pipes/drains. The geophysical survey was conducted using a Radio-detection RD8000PDL Multifunction Precision Locator, TX-10 Transmitter (Radio Locator), and a ground penetrating radar (GPR) (MALÅ Easy Locator HDR).

Attempts were made to trace identified drains using geophysical techniques in the former printing room, machine shop, manufacturing area, tool room, and penstocks area. Many of the drains were discovered to have blockages or were otherwise not traceable (do to construction material and/or physical impasse). Drains that were traceable, generally flow in a southerly direction beneath the building and toward Wilson Stream. While the terminus of each drain was not located, it is assumed that most ultimately end at Wilson Stream. The Site is not (and to our knowledge has not been) connected to a process water system. The Site was connected to the Town sanitary sewer system in 1978. Please note that the integrity of the drain lines were not evaluated as part of this assessment.

MEDEP observed drain tracing activities and agreed with the above assumption.

### **3.2.2 Soil Boring Installation and Sampling**

TRC installed ten soil borings (MW-1 through MW-6 and SB-7 through SB-10) on September 28 and 29, 2015 using direct push (Geoprobe® 6620 DT track rig) drilling techniques provided by Environmental Projects, Inc. of Auburn, Maine. Soil borings were completed to depths ranging from 8 to 20 feet below grade, depending on where groundwater was observed.

Continuous soil samples were collected during drilling activities using four-foot long, tube-in-tube samplers with a 1-inch diameter acetate liner. Soil samples were visually examined by TRC and screened in the field for VOCs using the MEDEP bag headspace method. Immediately upon collecting the sample, TRC passed a photoionization detector (PID) over the surface of the sample and noted organic vapor readings above background.

Analytical samples were collected as described in the QAPP and submitted to Con-Test Analytical Laboratories (Con-Test) of East Longmeadow, Massachusetts.

- One surficial soil sample was collected from each of the ten soil boring locations and analyzed for; volatile petroleum hydrocarbons (VPH – carbon chains only), volatile organic compounds (VOCs – high and low), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), extractable petroleum hydrocarbons (EPH – carbon chains only), and RCRA 8 metals. Please note that soil samples were generally collected from the 0 to 2-foot interval however the depth included in the sample name is in reference to the overall zone of sample collection.
- One soil sample was collected from each of the ten soil boring locations at a biased depth interval corresponding to the highest PID headspace reading and/or visual/olfactory evidence of contamination. If no visual, olfactory, and/or PID screening observations

indicated evidence of soil contamination, then samples were collected at the groundwater interface. These samples were analyzed for; VPH (carbon chains only), VOCs (high and low), SVOCs, PCBs, EPH (carbon chains only), and RCRA 8 metals.

The locations of the newly installed soil borings are depicted on Figure 3. A summary of soil boring depths, PID response and summary of soil sample analyses are provided on Table 1. Soil boring logs are presented in Appendix B.

### ***3.2.3 Temporary Groundwater Monitoring Well Installation and Sampling***

TRC installed six 1-inch diameter PVC temporary monitoring wells (MW-1 through MW-6) at depths ranging from 12 to 20 feet below grade. Monitoring well depths were determined based on the observed depth to water. Ten feet of 1-inch screen was installed straddling the water table, and the open borehole was backfilled with a #2 sand pack to approximately 2 feet above the screen. A 2-foot bentonite seal was put in place above the sand pack to seal off the screened interval from the rest of the upper soil formation. Following installation, the wells were purged of three times their volume via peristaltic pump.

Although the QAPP specified installation of 2-inch diameter monitoring wells, cobbles in the subsurface did not allow for penetration of the larger diameter casing. An attempt to drive casing for 2-inch diameter wells was made at MW-1 and MW-2 and was met with refusal. At that point, TRC recommended, and MEDEP approved, the decision to install 1-inch diameter monitoring wells.

After a seven day equilibration time period, TRC collected groundwater samples as specified in the QAPP (according to EPA Region 1 low-flow guidelines). Groundwater samples were analyzed for; VPH (carbon chains only), VOCs, SVOCs, EPH (carbon chains only), and dissolved RCRA 8 metals. Groundwater sampling forms are included in Appendix C.

Prior to sampling, wells were gauged for the presence of non-aqueous phase liquid (NAPL) and depth to groundwater. A water interface was detected by the probe and no odor or staining (petroleum) was observed on the probe at the time of gauging. Depth to groundwater ranged from 4.65 to 14.3 bgs.

A summary of monitoring well construction, gauging data and sample analyses is provided in Table 2.

All temporary monitoring wells were decommissioned on October 7, 2015 in accordance with Maine Department of Environmental Protection's Guidance for Well and Boring Abandonment (DEP, 2009b). Where possible, PVC well screen and riser were removed from the ground and the void space was backfilled with sand and/or natural cave-in. For wells which were unable to be pulled from the ground, the screened interval was filled with bentonite pellets to at least 2 feet above the top of screen, and then with sand to the surface. The surface at each location was patched with asphalt.

### **3.2.4 Temporary Sub-Slab Soil Gas Point Installation and Sampling**

TRC installed four sub-slab soil gas sample points (see figure 4) with a portable hammer drill. Using a 1-inch bit, TRC cored down through the concrete approximately one inch, switched to a 3/8-inch bit and proceeded to core through the remaining three to seven inches of concrete. The bottom of the slab was found using a thin wire hook, and the thickness was measured so that sample tubing could be appropriately positioned flush with the underside of the concrete slab. Each point had approximately two feet of tubing above grade, which was connected, purged of all ambient air, and allowed to equilibrate until the following morning (in accordance with Maine DEP SOP DR027 and TRC SOPs). The borehole annuli were sealed with a sealant compound (as seen in the Appendix A – Photo Log).

Four sub-slab soil gas samples were collected in pre-cleaned, evacuated, passivated stainless steel canisters and analyzed for air-phase petroleum hydrocarbons (APH) and for VOCs by EPA method TO-15.

### **3.2.5 Surficial Soil and Background Sampling**

Three surficial soil background samples (S-1 through S-3) were collected from adjacent properties up-gradient and side-gradient to the Site as instructed by MEDEP. Samples were obtained from the 0 to 2-foot interval. Collected samples were analyzed for: EPH with target PAH's, and RCRA 8 Metals.

Surficial soil sample S-4 was collected from the area adjacent to the former stacks to address REC #4, as outlined in the QAPP. Sample S-4 was analyzed for SVOC's and RCRA 8 Metals.

Sample locations are depicted on Figure 3. A summary of the surficial soil sampling program is included as part of Table 1.

### **3.2.6 Streambed Sediment Sampling**

Four streambed sediment samples (Sed-1 through Sed-4) were collected along Wilson Stream. Samples were obtained from the 0- to 6-inch interval. Collected samples were analyzed for: VOCs, VPH (carbon chains only), SVOCs, EPH (carbon chains only), PCBs, and RCRA 8 Metals. Sample locations are depicted on Figure 3. A summary of the sediment sampling program is included as part of Table 1.

### **3.2.7 Drain Soil/Sediment Sampling**

Three drain samples (Drain-1 through Drain-3) were collected from the locations described below.

- Drain-1 was collected from a sump about 4-feet deep, containing approximately 1-foot of stagnant water. Material in the drain was wet and staining was observed.

- Drain-2 was collected from a floor drain approximately 1-foot deep, covered with a metal grate. Material in the drain was damp, but no standing water was present. Staining was observed.
- Drain-3 was collected from a floor drain approximately 4-feet deep, covered with a metal grate. Material in the drain was damp, but no standing water was present. No obvious signs of staining or odors was observed

Collected samples were analyzed for: VOCs, VPH (carbon chains only), SVOCs, EPH (carbon chains only), PCBs, and RCRA 8 Metals. Sample locations are depicted on Figure 4. A summary is provided in Table 1.

### **3.2.8 Waste Oil Characterization**

Six waste oil characterization samples (Waste-1 through Waste-6) were collected from the locations described below.

- Waste-1 was sampled from a plastic jug from within the former Photo Shed, which contained an unknown dark liquid (as seen in Photo No. 5 in Appendix A [Photo Log]).
- Waste-2 was sampled from an opaque plastic container from within the former Photo Shed, which contained a yellowish/clear substance (as seen in Photo No. 6 in Appendix A [Photo Log]).
- Waste-3 was sampled from an open 5-gallon bucket that appeared to be filled with an oil like product, or petroleum like product, within the metal exterior shed (as seen in Photo No. 8 located in Appendix A [Photo Log]).
- Waste-4 was sampled from a partially used jug from within the metal exterior shed.
- Waste-5 was sampled from a metal container appeared to be filled with an oil like product, or petroleum-like product. The label was illegible, but appeared to be an old 1L metal gas can.
- Waste-6 was sampled from an unmarked plastic drum, containing a sticky green substance.

All six collected samples were submitted to the laboratory. During sample login/prep, the laboratory determined that five of the six “Waste” samples were not petroleum based and therefore could not be run for waste oil characterization. These samples (Waste-1, 2, 3, 4 and 6) were disposed of by the laboratory, without further analysis.

Sample Waste-5 was analyzed for total halogens, metals, PCBs, and flashpoint. Waste sample locations are depicted on Figure 3 and 4. A summary of the waste oil characterization sampling program is included as part of Table 1 and tabulated in Appendix F.

### **3.2.9 PCB Wipe Sampling**

Ten PCB wipe samples (PCB-1 through PCB-10) were collected where there was dripping oil, very heavy staining, or other relevant observations. As specified in the QAPP and as discussed during the Site walk with MEDEP, at least one wipe sample was collected from a representative area on each of the floors of the main manufacturing building.

- PCB-1 was sampled off a wall in the basement excreting a petroleum like substance.
- PCB-2 was sampled off a wall in the basement excreting a petroleum like substance (as seen in Photo No. 10 located in Appendix A [Photo Log]).
- PCB-3 was sampled off the floor in the penstocks.
- PCB-4 was sampled off the floor in the former manufacturing area on the second floor.
- PCB-5 was sampled off a discolored wall on the third floor (as seen in Photo No. 18 located in Appendix A [Photo Log]).
- PCB-6 was sampled off the discolored floor on the first floor.
- PCB-7 was sampled off the floor on the first floor (as seen in Photo No. 19 located in Appendix A [Photo Log]).
- PCB-8 was sampled off the floor in the former manufacturing area.
- PCB-9 was sampled off the floor in the metal shed, in and amongst the tank and oil cans.
- PCB-10 was sampled off the wall in the basement, behind the former tool room.

Collected samples were analyzed for PCBs. Sample locations are depicted on Figures 3-7. A summary of the PCB wipe sampling program is included as part of Table 1.

### ***3.2.10 GPS Survey***

TRC personnel were unable to obtain a significant satellite signal to locate sample locations via GPS, likely due to the proximity of the building structure, tall vegetation/trees, and the general location being situated in a valley. As such, sample locations were measured in the field using swing ties and recorded in the field notebook to allow for proper placement on an aerial base map. All exploration locations are shown on Figures 3 through 7.

### ***3.2.11 Hazardous Waste Inventory***

TRC performed a hazardous waste inventory of the Site. This assessment was done visually for quantitative, not qualitative purposes. Potentially hazardous materials were identified (Haz-\_) and are depicted on Figures 3, 4, and 6 as well as in the Appendix F table.

## **3.3 Applicable Soil and Groundwater Regulatory Standards/Criteria**

Data generated during this Phase II ESA will be compared to the following criteria.

### *Soil - Maine Remedial Action Guidelines (RAGs) (Revised; May 8, 2013)*

- Table 1: Maine Remedial Action Guidelines for the Soil Exposure Pathway
  - Commercial Worker Scenario
  - Construction Worker Scenario

### *Sediment - Maine Remedial Action Guidelines (RAGs) (Revised; May 8, 2013)*

- Table 1: Maine Remedial Action Guidelines for the Soil Exposure Pathway
  - Park User Scenario
  - Construction Worker Scenario

Maine does not have sediment specific guidance values. Therefore sediment data will be compared to the Soil Exposure Pathway RAGs.

Soil Gas - Maine Remedial Action Guidelines (RAGs) (Revised; May 8, 2013)

- Table 2: Maine Remedial Action Guidelines for the Soil Gas Exposure Pathway

- Commercial Scenario

Maine RAGs for the Soil Gas Commercial Exposure Pathway were calculated by applying an attenuation factor of 10x to the Indoor Air Commercial Scenario RAGs as per Maine Remedial Action Guidelines, May 8, 2013.

Groundwater - Maine Remedial Action Guidelines (RAGs) (Revised; May 8, 2013)

- Table 3: Maine Remedial Action Guidelines for the Groundwater Exposure Pathway

- Residential Scenario
- Construction Worker Scenario

Waste Oil - Maine Regulations Chapter 860, Waste Oil Management Rules

- Section 4: Identification of Waste Oil
  - Specification Waste Oil
  - Off-Specification Waste Oil

PCB Wipe - EPA 40 CFR, Part 761.123, Toxic Substances and Control Act (TSCA)

- A specific criteria will not be used for PCB Wipe data as the purpose of this sampling effort is to identify the presence or absence of PCBs in stained areas of the structure. If PCBs are identified, impacted building materials would likely be disposed of as Remediation Waste under TSCA.

## 4.0 ANALYTICAL RESULTS

A summary of analytical samples collected and the analyses performed are provided in Table 1. A summary of the laboratory analytical results are provided in Tables 3 through 10. Copies of laboratory data packages are provided in Appendix D. The Data Usability Assessment is included in Appendix E.

### 4.1 Soil Field Screening Results

PID screening results from the soil collected during drilling activities ranged from non-detect to 31.1 parts per million (ppm), the maximum concentration observed onsite, at MW-1 (between 0 and 4 feet below ground), indicating VOC presence in a small portion of the Site soils located in close proximity of the former (abandoned-in-place) 100,000-gallon concrete UST bunker. A sulfur/petroleum-like odor was noted in boring MW-1 from a depth of approximately one to nine feet. A summary of soil screening results is included on Table 1 and on the boring logs in Appendix B.

### 4.2 Soil Analytical Results

Soil sample results were compared to the applicable 2013 MEDEP RAGs for Commercial Worker and Construction Worker Scenarios. A summary of the soil analytical results is presented below and in Table 3. A copy of the associated laboratory data package has been included in Appendix D.

#### 4.2.1 Volatile Organic Compounds (VOC)

No VOCs were detected in the soil at a concentration above the MEDEP Commercial and Construction Worker Scenario RAGs. Several VOCs were detected in the soil at location MW-1 at concentrations below the applicable RAGs; most likely attributable to the proximity to the abandoned in place UST.

#### 4.2.2 Volatile Petroleum Hydrocarbons (VPH)

No VPHs were detected in the soil at a concentration above the MEDEP Commercial and Construction Worker Scenario RAGs. One VPH was detected in the soil at location MW-1 at concentrations below the applicable RAGs; most likely attributable to the proximity to the abandoned in place UST.

#### 4.2.3 Extractable Petroleum Hydrocarbons (EPH)

One EPH was detected in the soil at a concentration above the MEDEP Commercial Scenario RAG. The C11-C22 aromatics at MW-1 (1-2 feet below ground surface (bgs)) were encountered at 7,700 mg/kg.

No EPHs were detected in the soil at a concentration above the MEDEP Construction Worker Scenario RAGs.

#### **4.2.4 Semi-Volatile Organic Compounds (SVOC)**

One SVOC was detected in the soil at a concentration above the MEDEP Commercial Worker Scenario RAGs in three samples. This SVOC, Benzo(a)pyrene was detected in MW-2 (from depths of 0-2 feet) at a concentration of 4.3 mg/kg, at location SB-7 (from depths of 0-2 feet) at a concentration of 11 mg/kg, and at SB-10 (depth of 0.5-4 feet) at 4.9 mg/kg.

No SVOCs were detected in the soil at a concentration above the MEDEP Construction Worker Scenario RAGs. It should be noted that numerous SVOC compounds (including numerous PAHs and dibenzofuran) were detected (including some above the Rural Maine Developed Background value) but, again, below the applicable RAGs (Table 3).

#### **4.2.5 Polychlorinated Biphenyls (PCB)**

No PCBs were detected in the soil above method detection limits and, therefore, below the MEDEP Commercial and Construction Worker Scenario RAGs at nine of the ten locations. At location SB-10, PCB aroclors 248 and 260 were detected at concentrations below the MEDEP Commercial and Construction Worker Scenario RAGs.

#### **4.2.6 Metals – Total**

One metal, arsenic was detected in the soil at boring SB-8 (depth of 0-2 feet) at a concentration of 36 mg/kg which is above the MEDEP Commercial Worker Scenario RAG.

Lead was detected in the soil at location SB-10 (depth 0.5-4 feet) at a concentration of 990 mg/kg which is above the MEDEP Construction Worker Scenario RAG.

### **4.3 Groundwater Analytical Results**

Groundwater sample results were compared to the applicable 2013 MEDEP RAGs for the Residential and Construction Worker Scenarios. A summary of the groundwater analytical results is presented below and in Table 4. A copy of the associated laboratory data package has been included in Appendix D.

The groundwater results indicate groundwater quality is fairly consistent across the site. There were no detections of VPH, EPH, and only one VOC (toluene at 1.1 ug/l) and only one SVOC (Phenanthrene at MW-2 and MW-3 up to 0.093 ug/l) were detected. The only detection for metals in groundwater was for Barium at MW-3 (up to 74 ug/l). None of these detections exceeded either a Residential or Construction Worker Scenario RAG.

### **4.4 Soil Gas Analytical Results**

Soil gas sample results were compared to the applicable 2013 MEDEP RAGs for commercial exposure with a 10x factor applied as per Section E of the May 8, 2013 RAGs. A summary of the soil gas analytical results is presented below and in Table 5. A copy of the associated

laboratory data package has been included in Appendix D. Several APH and TO-15 constituents (including chlorinated solvents and petroleum constituents) were detected above laboratory reporting limits but below their applicable MEDEP RAGs.

#### 4.5 Surficial Soil and Background Analytical Results

Surficial soil sample results were compared to the applicable 2013 MEDEP RAGs for the Commercial Worker and Construction Worker Scenarios. A summary of the surficial soil analytical results is presented below and in Table 6. A copy of the associated laboratory data package has been included in Appendix D.

Two types of surface soil samples were collected as part of this Phase II ESA; background samples (S-1, S-2, and S-3) and a targeted surface soil sample (S-4). Sample S-4 was collected in the area of the former stacks to assess possible ash in surface soils.

Several EPH and metal constituents were detected above laboratory reporting limits but below their applicable MEDEP RAGs for the three background samples. Most of the EPH detections were PAHs. Benzo(a)pyrene was detected at 19 mg/kg at location S-1 and was the only EPH above the Commercial Worker Scenario RAG. Seven of the eight metals included in the analysis were detected in surface soils. However, only arsenic was detected in the background surficial soil sample S-2 at a concentration (5.2 mg/kg) above the MEDEP Commercial Worker Scenario RAGs;

Several SVOC and metal constituents were detected above laboratory reporting limits but below their applicable MEDEP RAGs for the targeted S-1 sample. Most of the SVOC detections were for PAHs below the Commercial Worker Scenario RAG. Seven of the eight metals included in the analysis were detected in surface soils. However, only arsenic was detected in the surficial soil samples (S-2 and S-4) at a concentration (up to 8.4 mg/kg) above the MEDEP Commercial Worker Scenario RAGs;

#### 4.6 Streambed Sediment Analytical Results

Maine does not have sediment specific guidance values, therefore sediment data were compared to the Soil Exposure Pathway RAGs for the Park User and Construction Worker Scenarios. A summary of the sediment analytical results is presented below and in Table 7. A copy of the associated laboratory data package has been included in Appendix D.

Results for VOC, VPH and PCB analyses indicate no detections for these compounds. Several EPH, SVOC, and metal constituents were detected above laboratory reporting limits but below their applicable MEDEP RAGs.

Five SVOCs were detected in the sediment at a concentration above the MEDEP Park User Scenario RAGs, but below the Construction Worker RAGs;

- Benzo(a)anthracene at Sed-3 (0-0.5) (11 mg/kg), and DUP-4 (0-0.5) (5.2 mg/kg).
- Benzo(a)pyrene at Sed-1 (0-0.5) (1.0 mg/kg), Sed-2 (0-0.5) (0.54 mg/kg), Sed-3 (0-0.5) (7.6 mg/kg), DUP-4 (0-0.5) (3.9 mg/kg), and Sed-4 (0-0.5) (0.55 mg/kg).

- Benzo(a)fluoranthene at Sed-3 (0-0.5) (10 mg/kg), and DUP-4(0-0.5) (4.5 mg/kg).
- Dibenz(a,h)anthracene at Sed-3 (0-0.5) (1.4 mg/kg), and DUP-4 (0-0.5) (0.65mg/kg).
- Indeno(1,2,3-cd)pyrene at Sed-3 (0-0.5) (4.7 mg/kg).

Please note, black staining was observed on rocks at the location of Sed-3.

#### **4.7 Drain/Catch Basin/Sump Sediment Analytical Results**

Drain/catch basin/sump sample results were compared to the applicable 2013 MEDEP RAGs for the Commercial Worker and Construction Worker Scenarios. A summary of the drain sediment analytical results is presented below and in Table 8. A copy of the associated laboratory data package has been included in Appendix D.

Results for VOC, VPH, SVOC and PCB analysis indicate no detections for these compounds above the MEDEP Commercial Worker and Construction Worker Scenario RAGs.

EPH compound C11-C22 aromatics was detected at a concentration above the MEDEP Commercial Worker Scenario RAGs at Drain-1 (6,800 mg/kg) and Drain-2 (5,800 mg/kg). EPH compound C19-C36 aliphatics was detected in the drain samples at a concentration above the MEDEP Commercial Worker and Construction Worker Scenario RAGs at Drain-1 (28,000 mg/kg), Drain-2 (26,000 mg/kg);

Arsenic was detected in the drain samples at a concentration above the MEDEP Commercial Worker Scenario RAGs at Drain-2 (14 mg/kg) and Drain-3 (7.0 mg/kg). Cadmium was detected in the drain samples at a concentration above the MEDEP Construction Worker Scenario RAGs at Drain-1 (23 mg/kg).

#### **4.8 PCB Wipe Samples**

The purpose of this sampling effort was to identify the presence or absence of PCBs in stained areas of the structure, therefore a specific regulatory criteria is not applicable. A summary of the PCB wipe analytical results is presented below and in Table 9. A copy of the associated laboratory data package has been included in Appendix D.

Low level PCBs were detected in five of the ten locations (PCB-1, PCB-2, PCB-6, PCB-8, and PCB-9). Total PCB concentrations ranged from non-detect (<0.20) to 0.97  $\mu\text{g}/100\text{cm}^2$ .

#### **4.9 Waste Oil Characterization**

Waste oil characterization sample results were compared to Maine Regulations Chapter 860, Waste Oil Management Rules for specification and off-specification waste oil. A summary of the waste oil analytical results is presented below and in Table 10. A copy of the associated laboratory data package has been included in Appendix D.

All six collected samples were submitted to the laboratory. During sample login/prep, the laboratory determined that five of the six "Waste" samples were not petroleum based and

therefore could not be run for waste oil characterization. These samples were disposed of by the laboratory, without further analysis.

Sample Waste-5 was analyzed for total halogens, metals, PCBs, and flashpoint. Waste sample locations are depicted on Figure 3 and 4. A summary of the waste oil characterization sampling program is included as part of Table 1.

Results for sample Waste-5 indicate that it meets the requirements for both specification and off-specification waste oil.

#### 4.10 Data Usability Assessment

The data associated with the following samples and associated collection dates were reviewed:

- Wipe samples collected on September 23 and 24, 2015,
- A waste oil sample collected on September 23, 2015,
- Surface soil, drain, sediment, and soil gas samples collected on September 24, 2015,
- Soil samples collected on September 28 and 29, 2015, and
- Groundwater samples collected on October 7, 2015

In general, data are usable for project decisions based on a review of accuracy, precision, and sensitivity of the data. Although there were select quality control (QC) nonconformances, the data are valid as reported and may be used for decision-making purposes with the following cautions and limitations.

- The non-detect results for benzidine in samples MW-2(0-4), Sed-3, and S-4 cannot be used to achieve project objectives due to significantly low recoveries (<10%) in the MS/MSD.
- The non-detect results for benzoic acid in all groundwater samples cannot be used to achieve project objectives due to significantly low recoveries (<10%) in the LCS and LCS Duplicate.
- Results for arsenic in sediment samples, cadmium in waste oil, and select VOCs, SVOCs, and metals in groundwater samples cannot be used to verify the achievement of the project action levels as the quantitation limits for these analytes are above these project action levels (i.e., nondetect results exhibited QLs above the applicable Maine DEP RAGs, Residential and Construction Worker scenarios). Please see page 2 of the full data usability assessment in Appendix E for more details.
- Caution should be used with the SVOC results in sample Sed-3 due to field duplicate variability. The original sample results for SVOCs in this sample are consistently higher than the field duplicate sample and in one case (indeno[1,2,3-cd]pyrene), the original sample result exceeds the project action level when the result in the field duplicate

sample falls below the project action levels. In order to remain conservative, the SVOC results from the original sample should be used at this location.

- Caution should be used with the benzo(a)pyrene result in sample MW-2(0-4) due to field duplicate variability. The original sample result for benzo(a)pyrene in this sample is higher than the field duplicate sample and also exceeds the project action level when the result in the field duplicate sample falls below the project action level. In order to remain conservative, the benzo(a)pyrene result from the original sample should be used at this location.

The full data usability assessment is provided in Appendix E.

## 5.0 HAZARDOUS WASTE INVENTORY

TRC conducted a hazardous waste inventory on September 23, 2015 of safely accessible rooms/areas on each floor of the mill building, as well as the exterior metal shed, former sawdust shed, and photo shed.

TRC observed relatively small quantities of presumed hazardous wastes and/or petroleum products throughout the structures but concentrated on the basement/first floors. Staining or other evidence of release was observed in some areas. A total of fifteen types of potentially hazardous materials were identified including the following:

- Paints
- Adhesives
- Silica Gel Desiccant
- Possible gasoline
- Propane, Oxygen, and Acetylene tanks
- Photo-Development Liquids
- Light Ballasts
- Hydraulic Oil
- Unidentified Liquids in various containers

When presumed waste oil was encountered, a sample was collected and submitted to Con-Test Analytical Laboratories of East Longmeadow, MA (see Section 4.9 for additional information). Analytical results for waste oil characterization samples are available in Table 10.

The full results of this hazardous waste inventory are documented in the Hazardous Waste Inventory Table in Appendix F. The general locations of waste oil characterization samples and/or other potential hazards are provided on Figures 3 through 7. A photo-log is provided in Appendix A containing select photographs of items included in the hazardous waste inventory.

## 6.0 CONCEPTUAL SITE MODEL

The following section provides a current Conceptual Site Model (CSM) for the Site. This CSM represents TRC's current understanding based on existing data. The CSM may evolve over time as additional information becomes available.

### 6.1 Historical Site Information

As stated in the Phase I ESA, *“The four-story manufacturing building was constructed in 1902, and was operated as a woolen mill until the late 1950’s, at which time the Forster Manufacturing Company purchased the property and began manufacturing croquet sets, turnings, and clothespins. In 1955, Diamond Brands purchased the Site and began manufacturing toothpicks. In the early 2000’s, the main manufacturing building was used as a printing press/box cutting/packaging facility. A metal storage building, constructed sometime between 1940 and 1962, is located in the eastern portion of the Site. This building was historically used for storage of materials, and circa 1998, as an automobile storage facility for a local towing company.”*

The Site's previous owners began conducting demolition activities in the southeastern portion of the building; however, due to the identified and mishandling of asbestos-containing building materials (ACM) and a lack of funds, the demolition was not completed.

The Site has been vacant/unused since circa 2010.

### 6.2 Current Site Use

Currently, the Town owned Site is occupied by a vacant 232,000 square-foot, four-story manufacturing building which is unheated and is not provided with running water or electricity. Portions of the structure have been demolished. Many of the windows and doors have been broken/removed.

The Site structure is secured on the northern side by a chain link fence along Depot Street. The southern side, along Wilson Stream, is not secure. In an effort to secure the building, the Town installed plywood over many of the windows and doors along Depot Street.

The Site is located in a predominately rural and residential area. The Site is bounded by the Wilson Stream on the east, south, and west. To the north are three residential lots. The immediate surrounding area is mostly wooded.

### 6.3 Anticipated Future Site Use

The Town of Wilton is planning on redeveloping the Site into a commercial and/or industrial property. To facilitate this plan, the Town is considering demolition of the mill buildings.

## 6.4 Geologic and Hydrogeologic Conditions

Nearly the entire Site is currently covered in asphalt, concrete, buildings, demolition debris, which are immediately underlain by silty sand with gravel and cobbles (till). Bedrock was not encountered during drilling activities.

Groundwater at the Site is presumed to flow in a southern to eastern direction, towards Wilson Stream. Groundwater was observed in temporary monitoring wells at depth ranging from 4.65 to 14.3 feet bgs across the Site.

## 6.5 Areas of Concern (AOCs)

Four Areas of concern were identified in the June 2015 Phase I ESA by Ransom. These AOCs have been updated based on the results of this Phase II ESA and are discussed further in this Section. For additional details regarding the original AOCs, please see the Phase I ESA or the QAPP.

- AOC-1: Historical Use and Operations at the Site
- AOC-2: Hazardous Materials and Petroleum Products within/part of the Structure
- AOC-3: 100,000-gallon Abandoned-in-Place Underground Storage Tank (UST)
- AOC-3: Floor Drains, Sumps, and Wilson Stream Sediment

## 6.6 Nature and Extent of Impacts

### 6.6.1 Soil (AOC-1 & AOC-3)

One EPH carbon chain, one SVOC compound, and two metals were detected above Commercial and/or Construction Worker RAGs. Several VOC, VPH, EPH, SVOC, PCB and metal constituents were detected in soil samples below applicable RAGs.

Relatively low levels of SVOC compounds and metals in surface soil are generally distributed across the entire Site and found at similar levels to the background soil samples. SVOC compounds and metals in subsurface soils generally appear at lower levels than in surface soil indicating that industrial activity around the Mill is the likely source (AOC-1).

Benzo(a)pyrene was detected above applicable RAGs at MW-2, SB-7, SB-10, and S-1. Arsenic was detected above applicable RAGs at SB-8, S-2 and S-4. Arsenic detections at location S-4 may be related to the ash and material from the former stack (see Figures 2 and 3). However, there does not appear to be a correlation between the locations of other elevated benzo(a)pyrene and/or arsenic detections, and any specific portion of the building/Site based on known historical site use (AOC-1).

Lead was detected at SB-10 at 990 mg/kg. This elevated lead concentration was identified downgradient from the building identified as the Photo Shop (AOC-1).

Low level petroleum compounds and the EPH carbon chain C11-C22 Aromatics above RAGs appear to be localized in the area around soil being MW-1. Location MW-1 is in proximity to the 100,000-gal concrete UST bunker (northwest portion of the Site) (AOC-3).

### **6.6.2 Building Drains (AOC-4)**

Two EPH and two metals were detected above the Commercial Worker and/or Construction Worker Scenario RAGs. Several VOC, VPH, EPH, SVOC, PCB and metal constituents were detected in the drain samples below applicable RAGs.

Petroleum compounds (C11-C22 Aromatics and C19-C36 Aliphatics) and metals (Arsenic and Cadmium) detected above applicable RAGs were identified in material removed from drains which indicate hazardous materials and petroleum products were used in the mill building and were likely washed down the drains over time (AOC-4).

Based on the results of the geophysical survey, drains are assumed to discharge to Wilson Stream.

### **6.6.3 Interior Staining (AOC-2)**

Low level PCBs were detected in five of the ten PCB wipe sample locations. Total PCB concentrations ranged from non-detect (<0.20) to 0.97 ug/100cm<sup>2</sup>. The presence of low level PCBs in stained areas supports assumption that PCB oils have been used at the Site at some point throughout the operational history (AOC-2).

There does not appear to be a correlation between location in the mill building and the detection of PCBs in stained areas.

### **6.6.4 Sediment (AOC-4)**

Several EPH, SVOC, and metal constituents were detected in the streambed sediment samples (AOC-4).

Location Sed-3 (collected from under the mill building) does contain SVOC compounds that are slightly more elevated in comparison to the other three sample locations. However, all samples fall below the RAGs for the construction worker scenario. Black staining was observed on rocks at the location of Sed-3. Dibenzofuran was also detected below applicable criteria. Generally speaking, all four sediment samples (one upstream, one downstream, and two adjacent) have similar relative concentration of EPH, SVOC, and metal constituents.

Historical environmental assessments, conducted by GZA in 1992, identified elevated concentrations of PAHs and dibenzofurans in onsite stream sediments.

### **6.6.5 Groundwater**

One VOC, one SVOC, and one metal were detected in the groundwater samples below the Residential and/or Construction Worker RAGs. No other constituents were detected.

Based on the collected samples and applicable RAGs, groundwater does not appear to be impacted at the Site.

### **6.6.6 Soil Gas**

APH and TO-15 constituents were detected in soil gas samples below the Commercial Worker RAGs. There does not appear to be a correlation between the low level detections and location in the mill building.

Based on the collected samples, soil gas does not appear to be impacted at the Site.

## **6.7 Potential Sources of Impacts**

### **6.7.1 Soil**

It is likely that SVOC compounds and metals in soil originated from historical operations at the Site. Generality speaking, these SVOC compounds and metals are spread across the Site and do not appear to originate from a point source (or a few point sources) (AOC-1). It is possible that the arsenic detection at location S-4 may be related to the ash and material from the former stack (AOC-1). The detection of lead at SB-10 (990 mg/kg) that is above the construction worker scenario RAGs is likely from a historical release at the upgradient building identified as the Photo Shop (AOC-1).

It is likely that petroleum based EPH compounds at soil boring MW-1 originated from the 100,000-gal concrete UST bunker (northwest portion of the Site) (AOC-3).

### **6.7.2 Building Drains**

It is likely that SVOC compounds and metals identified in material removed from building drains originated from historical operations at the Site. Therefore, it is also possible that impacted material exists along the entire length of the drain and at its discharge point, Wilson Stream (AOC-4).

### **6.7.3 Interior Staining**

It is likely that low level PCBs identified in stained interior areas of the building originated from historical operations at the Site (AOC-2).

#### 6.7.4 Sediment

SVOC compounds in sediment exceed Park User RAGs in all four sediment samples. It is likely that historical Site operations affected sediment quality (AOC-4). However, it is not known if impacts are solely from the Site or could be also impacted from an unknown upstream source.

Drains from the mill buildings appear to have discharge into Wilson Stream in the past.

### 6.8 Conceptual Site Model Summary

Based the Phase I ESA, HBMI, and the results of this Phase II ESA, the Conceptual Site Model is summarized below:

#### Groundwater and Soil Gas

- Given the existing data, groundwater and soil gas appear to be free of constituents above applicable criteria.
- No further activities are necessary.

#### Surficial Soil (AOC-1 & AOC-3)

- Despite the Site's long industrial history and visible staining, only benzo(a)pyrene, C11-C22 aromatics, arsenic, and lead were detected above applicable RAGs in surficial soils.
- Benzo(a)pyrene and arsenic appear across the Site.
- Lead was detected above the construction worker scenario RAGS adjacent to the Photo Shop (and possibly down gradient).
- Concentrations of C11-C22 Aromatics are located in proximity to the 100,000-gal concrete UST bunker;
- Possible Risk mitigation measures:
  - Delineate extent
  - Risk Assessment / Calculate Site Specific EPCs
  - Soil hot spot removal
  - Exposure barrier (soil cap, etc.)

#### Subsurface Soil

- Subsurface soils surrounding the structure are, generally, free of constituents elevated above applicable criteria.
- Subsurface soils underneath the structure were not accessed due to safety/vibration concerns while drilling thru the slab. The condition of the subsurface below the structure is not known.
- Possible Risk mitigation measures:
  - Assess subsurface soils underneath the structure once the soils are accessible.

#### Drains and Drain Sediment (AOC-4)

- The condition of drains and sumps in the building vary from dry/clear to full of standing water and clogged with sediment, large objects, and other debris.

- Attempts to trace drains revealed that most follow a north/south path toward Wilson Stream. The terminus of the drains was not identified from within the building however, multiple pipes were observed along the northern bank of Wilson Stream.
- While the terminus of each drain was not located, it is assumed that most ultimately end in the subsurface underneath the building or at Wilson Stream.
- The integrity of the drains is not known and the possibility exists for releases from drains to the environment to have occurred. The condition of the subsurface below the structure is not known.
- It is not believed that the Site's process water is (or has been) connected to an offsite wastewater treatment plant (with the exception of municipal sanitary sewer after 1978).
- EPH compounds, arsenic and cadmium were detected above applicable RAGs in material removed from drains. The detection of these compounds indicate that hazardous materials and petroleum products may currently exist in the drains and were likely washed down the drains over time.
- Possible Risk mitigation measures:
  - Remove impacted material from onsite drains
  - Abandon onsite drains to stop the potential continuing release of contaminants into Wilson Stream.
  - Assess subsurface soils underneath the structure once the soils are accessible.

#### Streambed Sediment (AOC-4)

- Multiple pipes and drains were observed in the northern bank of Wilson Stream and are believed to be connected to drains and sumps in the Mill Building;
- Benzo(a)pyrene was detected at all four locations above park user RAGs. Additional SVOCs that are elevated in comparison to construction worker scenario RAGs were detected at location Sed-3.
- Dibenzofurans were detected at Sed-3 in onsite stream sediment as part of this assessment and in a historical investigation in 1992.
- At location Sed-3, black staining was observed on rocks.
- It is likely that historical Site operations affected sediment quality.
- Possible Risk mitigation measures:
  - Assess if an ecological risk assessment is necessary to determine if impacted sediment poses a risk to the environment

#### Impacted Building Materials (AOC-2)

- Staining was observed throughout the site building on the floors, ceilings and walls. Low level PCBs (non-detect (<0.20) to 0.97 ug/100cm<sup>2</sup>) were detected in five of the ten wipe samples from representative areas of staining.
- Based on the 2015 HBMI, asbestos, lead based paint, hazardous building fixtures possibly containing PCBs and heavy metals were identified.
- Possible Risk mitigation measures:
  - Abate asbestos, lead-based paint, and potentially hazardous building fixtures from the buildings.
  - If/when the building are renovated/demolished, care should be taken in handling disposing of building materials exhibiting staining.

Hazardous Waste Inventory (AOC-2)

- TRC observed relatively small quantities of presumed hazardous wastes and/or petroleum products throughout the structures but concentrated on the basement/first floors.
- Staining or other evidence of release was observed in some areas
- Possible Risk mitigation measures:
  - Manage and dispose of all potentially hazardous wastes on the Site

## 7.0 CONCLUSIONS

Based on the results of this Phase II ESA, the following conclusions are made:

- **Site Safety** – TRC’s scope of work did not include a safety or stability assessment of the mill building. However, we feel it is important to note that there is a four story unsupported exterior masonry/brick wall onsite which is creating an unsafe or hazardous condition for workers and trespassers. This unsafe condition should be addressed quickly, likely through the removal of this unsupported wall.
- **Observed Site Conditions** – TRC observed similar Site conditions as described in the Phase I ESA.
  - The specific locations of ASTs and USTs (other than the 100,000-gal bunker oil UST) are not known;
  - TRC observed relatively small quantities of presumed hazardous wastes and/or petroleum products throughout the structures but concentrated on the basement/first floors. Staining or other evidence of release was observed in some areas (see Hazardous Waste Inventory).
  - Ash-like material was observed in the area around the smokestack (area of surficial soil sample S-4).
  - Floor drains, sumps, and open penstocks were observed in the basement of the building with standing water, sediment and debris located within the structures. At some locations, evidence of staining and odors were observed (see drain sediment samples).
  - Pipes and drains were observed on the bank of Wilson Stream (see sediment samples). Under the Mill building, black staining was observed on rocks (location of Sed-3).
  - Staining was observed throughout the site building on the floors, ceilings and walls (locations of PCB wipe samples);
- **Overburden Geology** – The Site is currently covered in asphalt, buildings, concrete, and grassy/overgrown areas, which are immediately underlain by till.
- **Groundwater Flow Direction and Depth** – Groundwater flow beneath the Site is estimated to be in a southern to eastern direction, towards the Wilson Stream. Groundwater depths at the Site ranged from 4.65 to approximately 14.5-feet below grade. Non aqueous phase liquids (NAPL) were not encountered in the on-site monitoring wells.
- **Geophysical Survey Results** – A geophysical survey was conducted to locate existing on-site utilities, screen boring locations, and trace pipes/drains. Drains were detected in the subsurface that were oriented from north to south. While the terminus of each drain was not located, it is assumed that most ultimately end in the subsurface underneath the building or at Wilson Stream. The Site is not (and to our knowledge has not been) connected to a process water system. The Site was connected to the Town sanitary sewer system in 1978.

- **Soil Field Screening Results** – Soil samples were screened in the field during soil boring activities using the MEDEP bag headspace method, according to standard operating procedure No. TS004, for the presence of VOCs with a PID. PID screening results from the soil collected during drilling activities ranged from non-detect to 31.1 parts per million (ppm), which was the maximum concentration at MW-1 (between 1 and 3 feet below ground), indicating VOC presence in a small portion of the Site soils located in close proximity to the former UST.
- **Soil Analytical Results** – Relatively low concentrations of SVOC compounds and metals in soil are generally distributed across the entire Site and found at similar concentrations to the background soil samples. It is likely that SVOC compounds and metals in soil exceeding Commercial Worker RAGs and/or Construction Worker RAGs originated from historical operations at the Site.

Low concentration petroleum compounds, EPH carbon chain C11-C22 Aromatics, and certain PAHs and dibenzofuran were detected above RAGs, and appear to be localized in the area around soil boring MW-1 and SB-7. It is likely that petroleum based EPH compounds at soil boring MW-1 originated from the 100,000-gal concrete UST bunker (northwest portion of the Site).

- **Groundwater Analytical Results** – One VOC, one SVOC, and one metal were detected in the groundwater samples at concentrations below the Residential and/or Construction Worker RAGs. No other constituents were detected. Based on the collected samples and applicable RAGs, groundwater does not appear to be impacted at the Site.
- **Sub-Slab Soil Gas Analytical Results** – APH and TO-15 constituents were detected in soil gas samples below the Commercial Worker RAGs. There does not appear to be a correlation between the low level detections and the specific location in the mill building. Based on the collected samples, soil gas does not appear to be impacted at the Site.
- **Streambed Sediment Analytical Results** – Five SVOC compounds were detected above Park User and/or Construction Worker Scenario RAGs. Location Sed-3 (collected from under the mill building) does contain SVOC compounds that are slightly more elevated in comparison to the other three sample locations. Generally speaking, the four sediment samples (one upstream, one downstream, and two adjacent) have similar relative concentration of EPH, SVOC, and metal constituents. It is likely that historical Site operations had some effect on sediment quality but the extent is not known and/or if impacts are from an upstream source. Several drains from the mill buildings appear to discharge into Wilson Stream however specific historical processes were not directly linked to SVOC compounds in sediment.

Dibenzofurans were detected in onsite stream sediment as part of this assessment and in 1992.

- **Drain Sediment Analytical Results** – Two EPH and two metals were detected above the Commercial Worker and/or Construction Worker Scenario RAGs. Petroleum compounds

and metals identified in material removed from drains indicate hazardous materials and petroleum products were used in the mill building and that impacted material does exist in Site drains. Drains are assumed to discharge to the subsurface underneath the building or to Wilson Stream.

- **Hazardous Waste Inventory** – TRC conducted a hazardous waste inventory on September 23, 2015 of safely accessible rooms/areas on each floor of the mill building, as well as the exterior metal shed, former sawdust shed, and photo shed. A total of fifteen types of potentially hazardous materials were identified including the following: paints, adhesives, silica gel desiccant, possible gasoline, propane, oxygen, and acetylene tanks, photo-development liquids, light ballasts, hydraulic oil, and unidentified liquids.

## 8.0 RECOMMENDATIONS

Based on the results of this Phase II ESA, the following recommendations are made:

- Stabilize or remove the four story unsupported exterior masonry/brick wall as soon as possible to mitigate the safety hazard to site workers and trespassers. This wall should be stabilized or removed before winter conditions further degrade it;
- Secure both interior and exterior areas of the Site from potential trespassers which may release petroleum and/or hazardous materials from the numerous containers within the buildings;
- Apply to the MEDEP's Voluntary Response Action Program (VRAP) to gain the liability protections afforded under the program and work with the Department to undertake possible additional assessment and/or remedial actions to mitigate human health exposure and ecological risk;
- Safely package for transport and dispose of all petroleum and/or hazardous materials containers offsite;
- Demolish the Site buildings and remove debris from the Site for offsite disposal. During demolition, consider the following:
  - Presence of possible hazardous building materials;
  - Presence of drain lines containing petroleum and/or hazardous materials;
  - Presence of petroleum and/or hazardous materials containers; and
  - Proximity of buildings to Wilson Stream.
- Once the Site buildings have been raised and debris removed from the Site, assess the most effective remedial action to mitigate human health exposure and ecological risk due to impacted soil (hotspot removal, clean cover capping, etc.); and
- Place a deed restriction on the Site limiting future redevelopment to commercial and/or industrial activity (unless additional assessment work is conducted to allow for residential and park user uses).

## 9.0 LIMITATIONS

1. TRC's study was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and TRC observed that degree of care and skill was generally exercised by other consultants under similar circumstances and conditions. TRC's findings and conclusions must be considered not as scientific certainties, but rather as professional opinion concerning the significance of the limited data gathered during the course of the study. No other warranty, express or implied, is made. Specifically, TRC does not and cannot represent that the subject property contains no hazardous material, oil, or other latent condition beyond that observed by TRC during its study. Additionally, TRC makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by an EPA or MEDEP audit.
2. This study and report have been prepared on behalf of and for the exclusive use of the the Client, solely for use in a Phase II ESA for the Forster Mill located at 581 Depot Street in Wilton, Maine (subject property). This submittal and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of TRC or the Client.
3. The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this report was carried out in accordance with the Terms and Conditions referenced in our proposal to the Client.
4. In the event that the Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the subject property not contained in this report, such information shall be brought to TRC's attention forthwith. TRC will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.
5. The purpose of this report was to evaluate the REC identified in Ransom Consulting, Inc.'s Phase I ESA performed for the subject property. No specific attempt was made to check on the compliance of present or past owners or operators of the Site with federal, state, or local laws and regulations, environmental or otherwise.

## 10.0 REFERENCES

- DEP, 2013 Maine Department of Environmental Protection, *Maine Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances*; Revision Date May 8, 2013.  
[http://www.maine.gov/dep/spills/publications/guidance/rags/final\\_5-8-2013/2%20ME-RAGS\\_Final\\_5-8-2013b.pdf](http://www.maine.gov/dep/spills/publications/guidance/rags/final_5-8-2013/2%20ME-RAGS_Final_5-8-2013b.pdf)
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- MGS, 2003 Maine Geological Survey, *Surficial Geology of the Farmington 1:24,000 Quadrangle, Maine*, Open-File No. 03-51, dated 2003.
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- MGS, 1978 Maine Geological Survey, *Bedrock Geology of the Farmington 1:62,500 Quadrangle, Maine*, Open-File No. 78-16, dated 1978.
- SCS, 2003 U.S. Department of Agriculture, Soil Conservation Service State Soil Geographic (STATSGO), *Soil Survey of Franklin County Area and Part of Somerset County, Maine. Dated 2003.*
- RCI, 2015 Ransom Consulting, Inc., *ASTM Phase I Environmental Site Assessment*, Forster Manufacturing, 81 Depot Street, Wilton, ME Revision 1. June 29, 2015.
- TRC, 2015 TRC Environmental Corporation, *Brownfields Program Site Specific Quality Assurance Project Plan, 581 Depot Street, Wilton Maine*, dated September 2015.

## TABLES

Table 1  
Sample Summary  
Phase II Environmental Site Assessment Summary Report  
Forster Mill - Wilton, Maine

Sample type	Sample I.D.	Sample Time	Sample Date	Sampler's Initials	Max PID (ppm)	Laboratory Analyses
Soil Boring	MW-1 (1-2)	9:23	9/28/2015	JSL	31.1	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-1 (13-15)	10:00	9/28/2015	JSL	0	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-2 (0-4)	14:05	9/28/2015	JSL	0.3	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-2 (4-8)	14:20	9/28/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-2 (15-16)	14:35	9/28/2015	JSL	0.5	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-3 (0-2)	16:20	9/28/2015	JSL	0.9	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-3 (12-14)	16:50	9/28/2015	JSL	N.S.	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-4 (0.5-4)	11:20	9/29/2015	JSL	1.1	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-4 (8-10)	11:25	9/29/2015	JSL	N.S.	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-5 (0.5-3.5)	9:50	9/29/2015	JSL	1.5	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-5 (8-10)	10:30	9/29/2015	JSL	2.5	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-6 (0.5-4)	8:40	9/29/2015	JSL	1.7	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	MW-6 (4-6)	8:50	9/29/2015	JSL	2.5	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-7 (0-4)	11:40	9/28/2015	JSL	N.S.	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-7 (12-14)	11:50	9/28/2015	JSL	2.3	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-8 (0-2)	15:40	9/29/2015	JSL	N.S.	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-8 (12-13)	15:55	9/29/2015	JSL	3.2	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-9 (0.5-4)	12:40	9/29/2015	JSL	2.1	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-9 (11-12)	12:50	9/29/2015	JSL	2.4	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-10 (0.5-4)	9:35	9/29/2015	JSL	2.8	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Boring	SB-10 (4-8)	9:40	9/29/2015	JSL	1.2	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Background Surficial Soil	S-1	14:10	9/24/2015	JSL	--	RCRA 8 metals, and EPH + target PAH
Background Surficial Soil	S-2	14:15	9/24/2015	JSL	--	RCRA 8 metals, and EPH + target PAH
Background Surficial Soil	S-3	15:10	9/24/2015	JSL	--	RCRA 8 metals, and EPH + target PAH
Surficial Soil - Stack	S-4	13:30	9/24/2015	JSL	--	SVOCs and RCRA 8 metals

Table 1  
Sample Summary  
Phase II Environmental Site Assessment Summary Report  
Forster Mill - Wilton, Maine

Sample type	Sample I.D.	Sample Time	Sample Date	Sampler's Initials	Max PID (ppm)	Laboratory Analyses
River Sediment	Sed-1	14:50	9/24/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
River Sediment	Sed-2	14:00	9/24/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
River Sediment	Sed-3	15:00	9/24/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
River Sediment	Sed-4	15:30	9/24/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Groundwater	MW-1	14:45	10/7/2015	JSP	--	VOC, SVOC, RCRA 8 metals, VPH / EPH (carbon chain only)
Groundwater	MW-2	14:40	10/7/2015	JSL	--	VOC, SVOC, RCRA 8 metals, VPH / EPH (carbon chain only)
Groundwater	MW-3	12:15	10/7/2015	JSL	--	VOC, SVOC, RCRA 8 metals, VPH / EPH (carbon chain only)
Groundwater	MW-4	12:25	10/7/2015	JSP	--	VOC, SVOC, RCRA 8 metals, VPH / EPH (carbon chain only)
Groundwater	MW-5	10:20	10/7/2015	JSP	--	VOC, SVOC, RCRA 8 metals, VPH / EPH (carbon chain only)
Groundwater	MW-6	10:15	10/7/2015	JSL	--	VOC, SVOC, RCRA 8 metals, VPH / EPH (carbon chain only)
Soil Gas	SG-1	10:25	9/24/2015	JSL	--	APH, TO-15
Soil Gas	SG-2	10:22	9/24/2015	JSL	--	APH, TO-15
Soil Gas	SG-3	10:16	9/24/2015	JSL	--	APH, TO-15
Soil Gas	SG-4	10:32	9/24/2015	JSL	--	APH, TO-15
Drain	Drain-1	10:05	9/24/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Drain	Drain-2	10:40	9/24/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
Drain	Drain-3	11:45	9/24/2015	JSL	--	VOC, SVOC, PCB, RCRA 8 metals, VPH / EPH (carbon chain only)
PCB Wipe	PCB-1	10:30	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-2	14:30	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-3	14:40	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-4	15:05	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-5	15:15	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-6	15:20	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-7	15:25	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-8	15:30	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-9	15:55	9/23/2015	JSL	--	PCBs
PCB Wipe	PCB-10	11:00	9/24/2015	JSL	--	PCBs
Waste Characterization	Waste-1	15:35	9/23/2015	JSL	--	Arsenic, Cadmium, Chromium, Lead, PCB, Total Halogens, Flashpoint
Waste Characterization	Waste-2	15:40	9/23/2015	JSL	--	Arsenic, Cadmium, Chromium, Lead, PCB, Total Halogens, Flashpoint
Waste Characterization	Waste-3	15:45	9/23/2015	JSL	--	Arsenic, Cadmium, Chromium, Lead, PCB, Total Halogens, Flashpoint
Waste Characterization	Waste-4	15:50	9/23/2015	JSL	--	Arsenic, Cadmium, Chromium, Lead, PCB, Total Halogens, Flashpoint
Waste Characterization	Waste-5	16:00	9/23/2015	JSL	--	Arsenic, Cadmium, Chromium, Lead, PCB, Total Halogens, Flashpoint
Waste Characterization	Waste-6	11:15	9/24/2015	JSL	--	Arsenic, Cadmium, Chromium, Lead, PCB, Total Halogens, Flashpoint

Notes:

Analytical samples were submitted to Con-Test Analytical Laboratories of East Longmeadow, MA  
Refer to Appendix C Field Forms for more details on sample collection  
NS - not screened

Table 2  
Monitoring Well Construction Details, Gauging Data, and Groundwater Sample Summary  
Phase II Environmental Site Assessment Summary Report  
Forster Mill - Wilton, Maine

Monitoring Well I.D.	**MW-1	**MW-2	**MW-3*	**MW-4	**MW-5	**MW-6
Installation Date	9/29/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015
Boring Depth (ft bgs)	20	20	16	15	16	12
Depth to Top of Screen (ft bgs)	10	10	5	5	5.5	2
Depth to Bottom of Screen (ft bgs)	20	20	15	15	15.5	12
Depth to Top of #2 Sand Filter Pack (ft bgs)	8	8	3	3	4	1
Depth to Bottom of #2 Sand Filter Pack (ft bgs)	20	20	15	15	15.5	12
Depth to Top of Bentonite Seal (ft bgs)	6	6	0.5	1	2	0
Depth to Bottom of Bentonite Seal (ft bgs)	8	8	3	3	4	1
Borehole Diameter (inches)	2.25	2.25	2.25	2.25	2.25	2.25
Well Riser	1" Schedule 40 PVC	1" Schedule 40 PVC	1" Schedule 40 PVC	1" Schedule 40 PVC	1" Schedule 40 PVC	1" Schedule 40 PVC
Well Screen	1" Sch. 40 PVC 0.01" slot	1" Sch. 40 PVC 0.01" slot	1" Sch. 40 PVC 0.01" slot	1" Sch. 40 PVC 0.01" slot	1" Sch. 40 PVC 0.01" slot	1" Sch. 40 PVC 0.01" slot
Approximate Water Table Depth Observed During Installation (ft bgs)	14.5	16	10-12	10	8-10	6
Development Date	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015
Initial Gauging Level Depth (ft bgs)	15	15.85	9.89	9.15	10	6.7
Development Volume (~gallons)	4	4	4	4	4	4
Sampling Date	10/7/2015	10/7/2015	10/7/2015	10/7/2015	10/7/2015	10/7/2015
Depth to Water Prior to Sampling***	13	14.3	9.56	8.8	9.5	4.65
Equilibrium Water Level Depth (ft bgs)	14.55	14.55	9.7	8.8	9.5	4.76
Equilibrium Temperature (°C)	11.69	12.03	14.72	16.62	15.05	14.6
Equilibrium pH (SU)	6.51	5.39	6.3	6.02	6.04	6.4
Equilibrium Conductivity (uS/cm)	973	298	0.79	70	74	0.074
Equilibrium Dissolved Oxygen (mg/L)	2.25	7.72	1.93	1.61	2.29	4.74
Equilibrium ORP (mV)	80.3	93.9	29.2	180.4	172	177.7
Equilibrium Turbidity (NTU)	1.49	3.92	2.43	1.6	1.53	3.65
Decommissioning Date	10/7/2015	10/7/2015	10/7/2015	10/7/2015	10/7/2015	10/7/2015
Decommissioning Method	Cut riser flush with surface, backfilled with Bentonite Pellets above top of screen, filter sand to surface	Cut riser flush with surface, backfilled with Bentonite Pellets above top of screen, filter sand to surface	Pulled riser out of ground, backfilled with sand, and asphalt at surface	Cut riser flush with surface, backfilled with bentonite pellets above top of screen, filter sand to surface, and asphalt at surface	Cut riser flush with surface, backfilled with bentonite pellets above top of screen, filter sand to surface, and asphalt at surface	Pulled riser out of ground, backfilled with sand, and asphalt at surface

Notes:

\*-Duplicate (DUP-5) sample collected at MW-3.

\*\*-Temporary 1-inch Monitoring Wells installed by EPI

\*\*\*-Depth to water as measured prior to GW sampling on October 7, 2015

Refer to Table 1 Sampling Summary for submitted laboratory analyses

**Table 3**  
**Summary of TRC Soil Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:			MW-1		MW-2			MW-3		MW-4		MW-5			
		Sample Depth (ft.):			1-2	13-15	0-4	0-4	4-8	15-16	0-2	12-14	0.5-4	8-10	0.5-3.5	8-10	
		Sample Date:			9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	
		MEDEP RAGs <sup>1</sup>															
			Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL												
<b>VOCs</b>																	
(mg/kg)	Acetone	10,000	10,000	NS	5.9 U	0.067 U	0.13 U	0.10 U	NA	0.093 U	0.11 U	0.066 U	0.14 U	0.083 U	0.12 U	0.096 U	
	Acrylonitrile	88	800	NS	0.59 U	0.0040 U	0.0076 U	0.0061 U	NA	0.0056 U	0.0067 U	0.0040 U	0.0082 U	0.0050 U	0.0072 U	0.0058 U	
	tert-Amyl Methyl Ether (TAME)	NS	NS	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	Benzene	850	150	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Bromobenzene	NS	NS	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Bromochloromethane	NS	NS	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Bromodichloromethane	770	6,200	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Bromoform	3,600	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Bromomethane	2,400	930	NS	0.24 U	0.0067 U	0.013 U	0.010 U	NA	0.0093 U	0.011 U	0.0066 U	0.014 U	0.0083 U	0.012 U	0.0096 U	
	2-Butanone (MEK)	10,000	10,000	NS	2.4 U	0.027 U	0.051 U	0.040 U	NA	0.037 U	0.045 U	0.027 U	0.055 U	0.033 U	0.048 U	0.038 U	
	tert-Butyl Alcohol (TBA)	NS	NS	NS	2.4 U	0.027 U	0.051 U	0.040 U	NA	0.037 U	0.045 U	0.027 U	0.055 U	0.033 U	0.048 U	0.038 U	
	n-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.45	0.0027 U	0.0051 U	0.0040 U	NA	0.0037 U	0.0045 U	0.0027 U	0.0055 U	0.0033 U	0.0048 U	0.0038 U	
	sec-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.15	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	tert-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	tert-Butyl Ethyl Ether (TBEE)	NS	NS	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	Carbon Disulfide	10,000	10,000	NS	0.36 U	0.013 U	0.025 U	0.020 U	NA	0.019 U	0.022 U	0.013 U	0.027 U	0.017 U	0.024 U	0.019 U	
	Carbon Tetrachloride	680	2,800	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Chlorobenzene	10,000	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Chlorodibromomethane	560	4,300	NS	0.12 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	Chloroethane	10,000	10,000	NS	0.24 U	0.013 U	0.025 U	0.020 U	NA	0.019 U	0.022 U	0.013 U	0.027 U	0.017 U	0.024 U	0.019 U	
	Chloroform	1,500	10,000	NS	0.24 U	0.0027 U	0.0051 U	0.0040 U	NA	0.0037 U	0.0045 U	0.0027 U	0.0055 U	0.0033 U	0.0048 U	0.0038 U	
	Chloromethane	10,000	10,000	NS	0.24 U	0.0067 U	0.013 U	0.010 U	NA	0.0093 U	0.011 U	0.0066 U	0.014 U	0.0083 U	0.012 U	0.0096 U	
	2-Chlorotoluene	NS	NS	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	4-Chlorotoluene	NS	NS	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,2-Dibromo-3-chloropropane (DBCP)	47	51	NS	0.59 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,2-Dibromoethane (EDB)	24	180	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	Dibromomethane	NS	NS	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,2-Dichlorobenzene	10,000	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,3-Dichlorobenzene	340	6,200	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,4-Dichlorobenzene	8,800	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	trans-1,4-Dichloro-2-butene	NS	NS	NS	0.24 U	0.0027 U	0.0051 U	0.0040 U	NA	0.0037 U	0.0045 U	0.0027 U	0.0055 U	0.0033 U	0.0048 U	0.0038 U	
	Dichlorodifluoromethane (Freon 12)	10,000	10,000	NS	0.24 U	0.013 U	0.025 U	0.020 U	NA	0.019 U	0.022 U	0.013 U	0.027 U	0.017 U	0.024 U	0.019 U	
	1,1-Dichloroethane	8,400	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,2-Dichloroethane	520	3,700	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,1-Dichloroethylene	10,000	10,000	NS	0.12 U	0.0027 U	0.0051 U	0.0040 U	NA	0.0037 U	0.0045 U	0.0027 U	0.0055 U	0.0033 U	0.0048 U	0.0038 U	
	cis-1,2-Dichloroethylene	3,400	6,200	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	trans-1,2-Dichloroethylene	10,000	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,2-Dichloropropane	1,300	5,500	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,3-Dichloropropane	10,000	10,000	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	2,2-Dichloropropane	NS	NS	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,1-Dichloropropene	NS	NS	NS	0.24 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	cis-1,3-Dichloropropene	480 <sup>(d)</sup>	4,300 <sup>(d)</sup>	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	trans-1,3-Dichloropropene	480 <sup>(d)</sup>	4,300 <sup>(d)</sup>	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	Diethyl Ether	NS	NS	NS	0.24 U	0.013 U	0.025 U	0.020 U	NA	0.019 U	0.022 U	0.013 U	0.027 U	0.017 U	0.024 U	0.019 U	
	Diisopropyl Ether (DIPE)	NS	NS	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	1,4-Dioxane	290	3,300	NS	5.9 U	0.067 U	0.13 U	0.10 U	NA	0.093 U	0.11 U	0.066 U	0.14 U	0.083 U	0.12 U	0.096 U	
	Ethylbenzene	4,300	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Hexachlorobutadiene	370	240	NS	0.24 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	

**Table 3**  
**Summary of TRC Soil Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:			MW-1		MW-2				MW-3		MW-4		MW-5		
		Sample Depth (ft.):			1-2	13-15	0-4	0-4	4-8	15-16	0-2	12-14	0.5-4	8-10	0.5-3.5	8-10	
		Sample Date:			9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	
		MEDEP RAGs <sup>1</sup>			Field Dup												
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL													
<b>VOCs</b> (mg/kg)	2-Hexanone (MBK)	NS	NS	NS	1.2 U	0.013 U	0.025 U	0.020 U	NA	0.019 U	0.022 U	0.013 U	0.027 U	0.017 U	0.024 U	0.019 U	
	Isopropylbenzene (Cumene)	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	<b>0.14</b>	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	p-Isopropyltoluene (p-Cymene)	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	<b>0.44</b>	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Methyl tert-Butyl Ether (MTBE)	10,000	10,000	NS	0.12 U	0.0027 U	0.0051 U	0.0040 U	NA	0.0037 U	0.0045 U	0.0027 U	0.0055 U	0.0033 U	0.0048 U	0.0038 U	
	Methylene Chloride	10,000	10,000	NS	0.59 U	0.013 U	0.025 U	0.020 U	NA	0.019 U	0.022 U	0.013 U	0.027 U	0.017 U	0.024 U	0.019 U	
	4-Methyl-2-pentanone (MIBK)	10,000	10,000	NS	1.2 U	0.013 U	0.025 U	0.020 U	NA	0.019 U	0.022 U	0.013 U	0.027 U	0.017 U	0.024 U	0.019 U	
	Naphthalene	10,000	10,000	0.11	<b>5.0</b>	0.0027 U	0.0051 U	0.0040 U	NA	0.0037 U	0.0045 U	0.0027 U	0.0055 U	0.0033 U	0.0048 U	0.0038 U	
	n-Propylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	<b>0.17</b>	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Styrene	10,000	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,1,1,2-Tetrachloroethane	1,800	9,300	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,1,2,2-Tetrachloroethane	240	2,200	NS	0.059 U	0.00067 U	0.0013 U	0.0010 U	NA	0.00093 U	0.0011 U	0.00066 U	0.0014 U	0.00083 U	0.0012 U	0.00096 U	
	Tetrachloroethylene	10,000	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Tetrahydrofuran	NS	NS	NS	1.2 U	0.0067 U	0.013 U	0.010 U	NA	0.0093 U	0.011 U	0.0066 U	0.014 U	0.0083 U	0.012 U	0.0096 U	
	Toluene	10,000	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,2,3-Trichlorobenzene	10,000	420	NS	0.59 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,2,4-Trichlorobenzene	1,600	430	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,3,5-Trichlorobenzene	NS	NS	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,1,1-Trichloroethane	10,000	10,000	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,1,2-Trichloroethane	830	5,400	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Trichloroethylene	850	140	NS	0.12 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Trichlorofluoromethane (Freon 11)	10,000	10,000	NS	0.24 U	0.0067 U	0.013 U	0.010 U	NA	0.0093 U	0.011 U	0.0066 U	0.014 U	0.0083 U	0.012 U	0.0096 U	
	1,2,3-Trichloropropane	NS	NS	NS	0.24 U	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,1,2-Trichloro-1,2,2-trifluoroethane (F)	NS	NS	NS	0.12 U	0.0067 U	0.013 U	0.010 U	NA	0.0093 U	0.011 U	0.0066 U	0.014 U	0.0083 U	0.012 U	0.0096 U	
	1,2,4-Trimethylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	<b>0.70</b>	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	1,3,5-Trimethylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	<b>0.13</b>	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	Vinyl Chloride	66	600	NS	0.24 U	0.0067 U	0.013 U	0.010 U	NA	0.0093 U	0.011 U	0.0066 U	0.014 U	0.0083 U	0.012 U	0.0096 U	
	m+p Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	NS	0.24 U	0.0027 U	0.0051 U	0.0040 U	NA	0.0037 U	0.0045 U	0.0027 U	0.0055 U	0.0033 U	0.0048 U	0.0038 U	
	o-Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	NS	<b>0.14</b>	0.0013 U	0.0025 U	0.0020 U	NA	0.0019 U	0.0022 U	0.0013 U	0.0027 U	0.0017 U	0.0024 U	0.0019 U	
	<b>VPH</b> (mg/kg)	C5-C8 Aliphatics	10,000	10,000	NS	130 U	9.2 U	11 U	11 U	NA	11 U	14 U	11 U	13 U	12 U	13 U	12 U
		C9-C12 Aliphatics	10,000	10,000	NS	130 U	9.2 U	11 U	11 U	NA	11 U	14 U	11 U	13 U	12 U	13 U	12 U
C9-C10 Aromatics		5,500	10,000	NS	<b>380</b>	9.2 U	11 U	11 U	NA	11 U	14 U	11 U	13 U	12 U	13 U	12 U	
<b>EPH</b> (mg/kg)	C9-C18 Aliphatics	10,000	10,000	NS	<b>3,300</b>	11 U	<b>16</b>	10 U	NA	11 U	<b>12</b>	11 U	<b>28</b>	11 U	11 U	12 U	
	C19-C36 Aliphatics	10,000	10,000	NS	<b>3,500</b>	11 U	<b>35</b>	10 U	NA	11 U	<b>17</b>	<b>21</b>	<b>170</b>	<b>35</b>	11 U	12 U	
	C11-C22 Aromatics	5,500	10,000	NS	<b>7,700</b>	11 U	<b>240</b>	<b>63</b>	NA	11 U	<b>94</b>	11 U	<b>120</b>	<b>14</b>	<b>16</b>	12 U	
<b>SVOCs</b> (mg/kg)	Acenaphthene	10,000	9,800	0.1	<b>1.4</b>	0.19 U	<b>0.41</b>	<b>0.23</b>	NA	0.19 U	0.18 U	0.18 U	<b>0.27</b>	0.19 U	0.18 U	0.20 U	
	Acenaphthylene	10,000	10,000	0.32	0.19 U	0.19 U	<b>0.95</b>	<b>0.51</b>	NA	0.19 U	<b>0.28</b>	0.18 U	0.18 U	0.19 U	0.18 U	0.20 U	
	Acetophenone	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	
	Aniline	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	
	Anthracene	10,000	3,800	0.29	<b>2.0</b>	0.19 U	<b>1.2</b>	<b>0.74</b>	NA	0.19 U	<b>0.23</b>	0.18 U	<b>0.74</b>	0.19 U	0.18 U	0.20 U	
	Benidine	NS	NS	NS	0.74 U	0.75 U	0.71 U	0.69 U	NA	0.73 U	0.70 U	0.70 U	0.69 U	0.73 U	0.69 U	0.77 U	
	Benzoic Acid	10,000	10,000	NS	1.1 U	1.1 U	1.1 U	1.0 U	NA	1.1 U	1.1 U	1.1 U	1.0 U	1.1 U	1.0 U	1.2 U	
	Benzo(a)anthracene	35	430	0.86	<b>1.7</b>	0.19 U	<b>4.7</b>	<b>2.9</b>	NA	0.19 U	<b>1.1</b>	0.18 U	<b>1.6</b>	0.19 U	<b>0.57</b>	0.20 U	
	Benzo(a)pyrene	3.5	43	1.5	<b>1.1</b>	0.19 U	<b>4.3</b>	<b>2.2</b>	NA	0.19 U	<b>1.1</b>	0.18 U	<b>1.3</b>	0.19 U	<b>0.54</b>	0.20 U	
	Benzo(b)fluoranthene	35	430	1.3	<b>0.57</b>	0.19 U	<b>4.1</b>	<b>2.4</b>	NA	0.19 U	<b>1.2</b>	0.18 U	<b>1.6</b>	0.19 U	<b>0.64</b>	0.20 U	
	Benzo(g,h,i)perylene	10,000	10,000	0.57	<b>0.99</b>	0.19 U	<b>2.5</b>	<b>1.1</b>	NA	0.19 U	<b>0.79</b>	0.18 U	<b>0.92</b>	0.19 U	<b>0.32</b>	0.20 U	

**Table 3**  
**Summary of TRC Soil Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:			MW-1		MW-2			MW-3		MW-4		MW-5		
		Sample Depth (ft.):			1-2	13-15	0-4	0-4	4-8	15-16	0-2	12-14	0.5-4	8-10	0.5-3.5	8-10
		Sample Date:			9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015
		MEDEP RAGs <sup>1</sup>							Field Dup							
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL												
SVOCs (ug/L)	Benzo(k)fluoranthene	350	4,300	0.69	0.19 U	0.19 U	<b>1.6</b>	<b>0.83</b>	NA	0.19 U	<b>0.47</b>	0.18 U	<b>0.60</b>	0.19 U	<b>0.24</b>	0.20 U
	Bis(2-chloroethoxy)methane	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Bis(2-chloroethyl)ether	26	250	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Bis(2-chloroisopropyl)ether	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Bis(2-Ethylhexyl)phthalate	2,100	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	4-Bromophenylphenylether	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Butylbenzylphthalate	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Carbazole	1,400	10,000	NS	0.19 U	0.19 U	<b>0.34</b>	<b>0.26</b>	NA	0.19 U	0.18 U	0.18 U	<b>0.30</b>	0.19 U	0.18 U	0.20 U
	4-Chloroaniline	140	120	NS	0.74 U	0.75 U	0.71 U	0.69 U	NA	0.73 U	0.70 U	0.70 U	0.69 U	0.73 U	0.69 U	0.77 U
	4-Chloro-3-methylphenol	NS	NS	NS	0.74 U	0.75 U	0.71 U	0.69 U	NA	0.73 U	0.70 U	0.70 U	0.69 U	0.73 U	0.69 U	0.77 U
	2-Chloronaphthalene	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	2-Chlorophenol	8,500	2,500	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	4-Chlorophenylphenylether	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Chrysene	3,500	10,000	1	<b>2.9</b>	0.19 U	<b>5.3</b>	<b>3.0</b>	NA	0.19 U	<b>1.3</b>	0.18 U	<b>1.6</b>	0.19 U	<b>0.55</b>	0.20 U
	Dibenz(a,h)anthracene	3.5	43	0.32	0.19 U	0.19 U	<b>0.83</b>	<b>0.43</b>	NA	0.19 U	<b>0.20</b>	0.18 U	<b>0.27</b>	0.19 U	0.18 U	0.20 U
	Dibenzofuran	1,000	950	NS	<b>0.92</b>	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Di-n-octylphthalate	10,000	2,900	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	1,2-Dichlorobenzene	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	1,3-Dichlorobenzene	340	6,200	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	1,4-Dichlorobenzene	8,800	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	3,3-Dichlorobenzidine	64	740	NS	0.19 U	0.19 U	0.18 U	0.18 U	NA	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.20 U
	2,4-Dichlorophenol	3,100	710	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Diethylphthalate	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	2,4-Dimethylphenol	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Dimethylphthalate	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Di-n-butylphthalate	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	4,6-Dinitro-2-methylphenol	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	2,4-Dinitrophenol	2100	4800	NS	0.74 U	0.75 U	0.71 U	0.69 U	NA	0.73 U	0.70 U	0.70 U	0.69 U	0.73 U	0.69 U	0.77 U
	2,4-Dinitrotoluene	93	480	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	2,6-Dinitrotoluene	42	490	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Fluoranthene	10,000	10,000	2	<b>2.1</b>	0.19 U	<b>6.9</b>	<b>4.6</b>	NA	0.19 U	<b>1.8</b>	0.18 U	<b>4.0</b>	0.19 U	<b>0.83</b>	0.20 U
	Fluorene	10,000	10,000	0.22	<b>3.1</b>	0.19 U	<b>0.65</b>	<b>0.37</b>	NA	0.19 U	0.18 U	0.18 U	<b>0.30</b>	0.19 U	0.18 U	0.20 U
	Hexachlorobenzene	18	190	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Hexachlorobutadiene	370	240	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Hexachlorocyclopentadiene	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Hexachloroethane	720	2,400	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Indeno(1,2,3-cd)pyrene	35	430	0.4	<b>0.47</b>	0.19 U	<b>2.7</b>	<b>1.2</b>	NA	0.19 U	<b>0.78</b>	0.18 U	<b>1.1</b>	0.19 U	<b>0.38</b>	0.20 U
	Isophorone	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	1-Methylnaphthalene	NS	NS	NS	<b>11</b>	0.19 U	<b>0.24</b>	0.18 U	NA	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.20 U
2-Methylnaphthalene	3,600	600	0.16	<b>13</b>	0.19 U	<b>0.23</b>	0.18 U	NA	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.20 U	
2-Methylphenol	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	
3/4-Methylphenol	5,100	10000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	
Naphthalene	10,000	10,000	0.11	<b>3.5</b>	0.19 U	<b>0.27</b>	<b>0.19</b>	NA	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.20 U	
Nitrobenzene	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	
2-Nitroaniline	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	
3-Nitroaniline	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	
4-Nitroaniline	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U	

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Analysis	Analyte	Sample ID:			MW-1		MW-2			MW-3		MW-4		MW-5		
		Sample Depth (ft.):			1-2	13-15	0-4	0-4	4-8	15-16	0-2	12-14	0.5-4	8-10	0.5-3.5	8-10
		Sample Date:			9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015
		MEDEP RAGs <sup>1</sup>														
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL												
<b>SVOCs</b> (ug/L)	2-Nitrophenol	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	4-Nitrophenol	NS	NS	NS	0.74 U	0.75 U	0.71 U	0.69 U	NA	0.73 U	0.70 U	0.70 U	0.69 U	0.73 U	0.69 U	0.77 U
	N-Nitrosodiphenylamine	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	N-Nitrosodimethylamine	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	N-Nitrosodi-n-propylamine	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Pentachloronitrobenzene	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Pentachlorophenol	45	620	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Phenanthrene	10,000	8,900	0.83	<b>9.8</b>	0.19 U	<b>5.5</b>	<b>3.9</b>	NA	0.19 U	<b>1.0</b>	0.18 U	<b>3.4</b>	0.19 U	<b>0.60</b>	0.20 U
	Phenol	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	Pyrene	10,000	10,000	2	<b>8.3</b>	0.19 U	<b>10</b>	<b>5.2</b>	NA	0.19 U	<b>2.0</b>	0.18 U	<b>3.3</b>	0.19 U	<b>0.83</b>	0.20 U
	Pyridine	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	1,2,4-Trichlorobenzene	1,600	430	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	2,4,5-Trichlorophenol	10,000	10,000	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
	2,4,6-Trichlorophenol	1,000	240	NS	0.38 U	0.38 U	0.36 U	0.35 U	NA	0.37 U	0.36 U	0.36 U	0.36 U	0.37 U	0.36 U	0.39 U
<b>PCBs</b> (mg/kg)	Aroclor-1016	12	46	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1221	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1232	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1242	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1248	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1254	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1260	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1262	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Aroclor-1268	NS	NS	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
	Total PCBs	12	6.5	NS	0.023 U	0.023 U	0.021 U	0.020 U	NA	0.022 U	0.021 U	0.022 U	0.021 U	0.022 U	0.021 U	0.023 U
<b>Metals, total</b> (mg/kg)	Arsenic	4.2	42	NS	2.9 U	2.8 U	2.6 U	<b>3.5</b>	3.0 U	<b>3.3</b>	<b>3.9</b>	2.5 U	<b>3.3</b>	<b>2.8</b>	2.5 U	2.9 U
	Barium	10,000	10,000	NS	<b>33</b>	<b>27</b>	<b>25</b>	<b>37</b>	<b>20</b>	<b>34</b>	<b>64</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>36</b>	<b>20</b>
	Cadmium	94	19	NS	0.29 U	0.28 U	0.26 U	0.25 U	0.30 U	0.27 U	0.26 U	0.25 U	0.25 U	0.27 U	0.25 U	0.29 U
	Chromium	5,100 <sup>(b)</sup>	2,800 <sup>(b)</sup>	NS	<b>14</b>	<b>13</b>	<b>13</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>24</b>	<b>14</b>	<b>13</b>	<b>22</b>	<b>17</b>	<b>11</b>
	Lead	1,100	950	NS	<b>44 B</b>	<b>3.3</b>	<b>2.7</b>	<b>24</b>	<b>14</b>	<b>56</b>	<b>57</b>	<b>2.9</b>	<b>32</b>	<b>12</b>	<b>13</b>	<b>2.2</b>
	Mercury	510	930	NS	0.027 U	0.027 U	0.027 U	0.023 U	0.027 U	0.025 U	<b>0.035</b>	0.025 U	<b>0.029</b>	<b>0.031</b>	<b>0.10</b>	0.029 U
	Selenium	8,500	1,500	NS	5.7 U	5.5 U	5.2 U	5.1 U	5.9 U	5.4 U	5.2 U	5.1 U	4.9 U	5.4 U	4.9 U	5.8 U
	Silver	8,500	1,500	NS	<b>0.88</b>	<b>1.1</b>	<b>1.4</b>	<b>0.94</b>	<b>1.5</b>	<b>1.2</b>	<b>1.6</b>	<b>1.1</b>	<b>1.0</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>

**Table 3**  
**Summary of TRC Soil Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:			MW-6		SB-7		SB-8		SB-9		SB-10	
		Sample Depth (ft.):			0.5-4	4-6	0-4	12-14	0-2	12-13	0.5-4	11-12	0.5-4	4-8
		Sample Date:			9/29/2015	9/29/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015
		MEDEP RAGs <sup>1</sup>												
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL										
<b>VOCs</b>														
(mg/kg)	Acetone	10,000	10,000	NS	0.10 U	0.087 U	0.097 U	0.092 U	0.081 U	0.087 U	0.089 U	0.084 U	0.097 U	0.094 U
	Acrylonitrile	88	800	NS	0.0061 U	0.0052 U	0.0058 U	0.0055 U	0.0049 U	0.0052 U	0.0053 U	0.0050 U	0.0058 U	0.0057 U
	tert-Amyl Methyl Ether (TAME)	NS	NS	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	Benzene	850	150	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Bromobenzene	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Bromochloromethane	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Bromodichloromethane	770	6,200	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Bromoform	3,600	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Bromomethane	2,400	930	NS	0.010 U	0.0087 U	0.0097 U	0.0092 U	0.0081 U	0.0087 U	0.0089 U	0.0084 U	0.0097 U	0.0094 U
	2-Butanone (MEK)	10,000	10,000	NS	0.041 U	0.035 U	0.039 U	0.037 U	0.032 U	0.035 U	0.035 U	0.034 U	0.039 U	0.038 U
	tert-Butyl Alcohol (TBA)	NS	NS	NS	0.041 U	0.035 U	0.039 U	0.037 U	0.032 U	0.035 U	0.035 U	0.034 U	0.039 U	0.038 U
	n-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0041 U	0.0035 U	0.0039 U	0.0037 U	0.0032 U	0.0035 U	0.0035 U	0.0034 U	0.0039 U	0.0038 U
	sec-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	tert-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	tert-Butyl Ethyl Ether (TBEE)	NS	NS	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	Carbon Disulfide	10,000	10,000	NS	0.020 U	0.017 U	0.019 U	0.018 U	0.016 U	0.017 U	0.018 U	0.017 U	0.019 U	0.019 U
	Carbon Tetrachloride	680	2,800	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Chlorobenzene	10,000	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Chlorodibromomethane	560	4,300	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	Chloroethane	10,000	10,000	NS	0.020 U	0.017 U	0.019 U	0.018 U	0.016 U	0.017 U	0.018 U	0.017 U	0.019 U	0.019 U
	Chloroform	1,500	10,000	NS	0.0041 U	0.0035 U	0.0039 U	0.0037 U	0.0032 U	0.0035 U	0.0035 U	0.0034 U	0.0039 U	0.0038 U
	Chloromethane	10,000	10,000	NS	0.010 U	0.0087 U	0.0097 U	0.0092 U	0.0081 U	0.0087 U	0.0089 U	0.0084 U	0.0097 U	0.0094 U
	2-Chlorotoluene	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	4-Chlorotoluene	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,2-Dibromo-3-chloropropane (DBCP)	47	51	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,2-Dibromoethane (EDB)	24	180	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	Dibromomethane	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,2-Dichlorobenzene	10,000	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,3-Dichlorobenzene	340	6,200	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,4-Dichlorobenzene	8,800	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	trans-1,4-Dichloro-2-butene	NS	NS	NS	0.0041 U	0.0035 U	0.0039 U	0.0037 U	0.0032 U	0.0035 U	0.0035 U	0.0034 U	0.0039 U	0.0038 U
	Dichlorodifluoromethane (Freon 12)	10,000	10,000	NS	0.020 U	0.017 U	0.019 U	0.018 U	0.016 U	0.017 U	0.018 U	0.017 U	0.019 U	0.019 U
	1,1-Dichloroethane	8,400	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,2-Dichloroethane	520	3,700	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,1-Dichloroethylene	10,000	10,000	NS	0.0041 U	0.0035 U	0.0039 U	0.0037 U	0.0032 U	0.0035 U	0.0035 U	0.0034 U	0.0039 U	0.0038 U
	cis-1,2-Dichloroethylene	3,400	6,200	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	trans-1,2-Dichloroethylene	10,000	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,2-Dichloropropane	1,300	5,500	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,3-Dichloropropane	10,000	10,000	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	2,2-Dichloropropane	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,1-Dichloropropene	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	cis-1,3-Dichloropropene	480 <sup>(d)</sup>	4,300 <sup>(d)</sup>	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	trans-1,3-Dichloropropene	480 <sup>(d)</sup>	4,300 <sup>(d)</sup>	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	Diethyl Ether	NS	NS	NS	0.020 U	0.017 U	0.019 U	0.018 U	0.016 U	0.017 U	0.018 U	0.017 U	0.019 U	0.019 U
	Diisopropyl Ether (DIPE)	NS	NS	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	1,4-Dioxane	290	3,300	NS	0.10 U	0.087 U	0.097 U	0.092 U	0.081 U	0.087 U	0.089 U	0.084 U	0.097 U	0.094 U
	Ethylbenzene	4,300	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Hexachlorobutadiene	370	240	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U

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Analysis	Analyte	Sample ID:			MW-6		SB-7		SB-8		SB-9		SB-10	
		Sample Depth (ft.):			0.5-4	4-6	0-4	12-14	0-2	12-13	0.5-4	11-12	0.5-4	4-8
		Sample Date:			9/29/2015	9/29/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015
		MEDEP RAGs <sup>1</sup>												
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL										
<b>VOCs</b> (mg/kg)	2-Hexanone (MBK)	NS	NS	NS	0.020 U	0.017 U	0.019 U	0.018 U	0.016 U	0.017 U	0.018 U	0.017 U	0.019 U	0.019 U
	Isopropylbenzene (Cumene)	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	p-Isopropyltoluene (p-Cymene)	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Methyl tert-Butyl Ether (MTBE)	10,000	10,000	NS	0.0041 U	0.0035 U	0.0039 U	0.0037 U	0.0032 U	0.0035 U	0.0035 U	0.0034 U	0.0039 U	0.0038 U
	Methylene Chloride	10,000	10,000	NS	0.020 U	0.017 U	0.019 U	0.018 U	0.016 U	0.017 U	0.018 U	0.017 U	0.019 U	0.019 U
	4-Methyl-2-pentanone (MIBK)	10,000	10,000	NS	0.020 U	0.017 U	0.019 U	0.018 U	0.016 U	0.017 U	0.018 U	0.017 U	0.019 U	0.019 U
	Naphthalene	10,000	10,000	0.11	0.0041 U	0.0035 U	0.0039 U	0.0037 U	0.0032 U	0.0035 U	0.0035 U	0.0034 U	0.0039 U	0.0038 U
	n-Propylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Styrene	10,000	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,1,1,2-Tetrachloroethane	1,800	9,300	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,1,2,2-Tetrachloroethane	240	2,200	NS	0.0010 U	0.00087 U	0.00097 U	0.00092 U	0.00081 U	0.00087 U	0.00089 U	0.00084 U	0.00097 U	0.00094 U
	Tetrachloroethylene	10,000	10,000	NS	<b>0.0029</b>	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	<b>0.0024</b>	0.0017 U	0.0019 U	0.0019 U
	Tetrahydrofuran	NS	NS	NS	0.010 U	0.0087 U	0.0097 U	0.0092 U	0.0081 U	0.0087 U	0.0089 U	0.0084 U	0.0097 U	0.0094 U
	Toluene	10,000	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	<b>0.0019</b>	0.0019 U
	1,2,3-Trichlorobenzene	10,000	420	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,2,4-Trichlorobenzene	1,600	430	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,3,5-Trichlorobenzene	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,1,1-Trichloroethane	10,000	10,000	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,1,2-Trichloroethane	830	5,400	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Trichloroethylene	850	140	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	Trichlorofluoromethane (Freon 11)	10,000	10,000	NS	0.010 U	0.0087 U	0.0097 U	0.0092 U	0.0081 U	0.0087 U	0.0089 U	0.0084 U	0.0097 U	0.0094 U
	1,2,3-Trichloropropane	NS	NS	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
	1,1,2-Trichloro-1,2,2-trifluoroethane (F)	NS	NS	NS	0.010 U	0.0087 U	0.0097 U	0.0092 U	0.0081 U	0.0087 U	0.0089 U	0.0084 U	0.0097 U	0.0094 U
	1,2,4-Trimethylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U
1,3,5-Trimethylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U	
Vinyl Chloride	66	600	NS	0.010 U	0.0087 U	0.0097 U	0.0092 U	0.0081 U	0.0087 U	0.0089 U	0.0084 U	0.0097 U	0.0094 U	
m+p Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	NS	0.0041 U	0.0035 U	0.0039 U	0.0037 U	0.0032 U	0.0035 U	0.0035 U	0.0034 U	0.0039 U	0.0038 U	
o-Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	NS	0.0020 U	0.0017 U	0.0019 U	0.0018 U	0.0016 U	0.0017 U	0.0018 U	0.0017 U	0.0019 U	0.0019 U	
<b>VPH</b> (mg/kg)	C5-C8 Aliphatics	10,000	10,000	NS	13 U	13 U	11 U	9.6 U	9.3 U	13 U	11 U	19 U	8.9 U	14 U
	C9-C12 Aliphatics	10,000	10,000	NS	13 U	13 U	11 U	9.6 U	9.3 U	13 U	11 U	19 U	8.9 U	14 U
	C9-C10 Aromatics	5,500	10,000	NS	13 U	13 U	11 U	9.6 U	9.3 U	13 U	11 U	19 U	8.9 U	14 U
<b>EPH</b> (mg/kg)	C9-C18 Aliphatics	10,000	10,000	NS	11 U	12 U	21 U	11 U	21 U	11 U	54 U	12 U	22 U	11 U
	C19-C36 Aliphatics	10,000	10,000	NS	<b>24</b>	12 U	<b>250</b>	11 U	<b>52</b>	11 U	<b>320</b>	12 U	<b>48</b>	11 U
	C11-C22 Aromatics	5,500	10,000	NS	<b>47</b>	12 U	<b>230</b>	11 U	<b>65</b>	11 U	<b>260</b>	12 U	<b>170</b>	11 U
<b>SVOCs</b> (mg/kg)	Acenaphthene	10,000	9,800	0.1	0.18 U	0.19 U	<b>1.3</b>	0.18 U	0.36 U	0.19 U	0.18 U	0.20 U	<b>0.43</b>	0.19 U
	Acenaphthylene	10,000	10,000	0.32	0.18 U	0.19 U	<b>1.3</b>	0.18 U	0.36 U	0.19 U	<b>0.19</b>	0.20 U	<b>0.35</b>	0.19 U
	Acetophenone	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Aniline	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Anthracene	10,000	3,800	0.29	<b>0.35</b>	0.19 U	<b>3.7</b>	0.18 U	<b>0.57</b>	0.19 U	<b>0.19</b>	0.20 U	<b>1.1</b>	0.19 U
	Benzidine	NS	NS	NS	0.70 U	0.75 U	0.69 U	0.71 U	1.4 U	0.73 U	0.70 U	0.76 U	0.73 U	0.74 U
	Benzoic Acid	10,000	10,000	NS	1.1 U	1.1 U	1.0 U	1.1 U	2.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U
	Benzo(a)anthracene	35	430	0.86	<b>0.99</b>	0.19 U	<b>12</b>	0.18 U	<b>1.9</b>	0.19 U	<b>0.66</b>	0.20 U	<b>5.5</b>	0.19 U
	Benzo(a)pyrene	3.5	43	1.5	<b>0.90</b>	0.19 U	<b>11</b>	0.18 U	<b>1.7</b>	0.19 U	<b>0.66</b>	0.20 U	<b>4.9</b>	0.19 U
	Benzo(b)fluoranthene	35	430	1.3	<b>1.0</b>	0.19 U	<b>13</b>	0.18 U	<b>2.2</b>	0.19 U	<b>0.80</b>	0.20 U	<b>5.7</b>	0.19 U
	Benzo(g,h,i)perylene	10,000	10,000	0.57	<b>0.51</b>	0.19 U	<b>5.0</b>	0.18 U	<b>0.85</b>	0.19 U	<b>0.36</b>	0.20 U	<b>2.5</b>	0.19 U

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		Sample Depth (ft.):			0.5-4	4-6	0-4	12-14	0-2	12-13	0.5-4	11-12	0.5-4	4-8
		Sample Date:			9/29/2015	9/29/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015
		MEDEP RAGs <sup>1</sup>												
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL										
SVOCs (ug/L)	Benzo(k)fluoranthene	350	4,300	0.69	<b>0.39</b>	0.19 U	<b>5.2</b>	0.18 U	<b>0.81</b>	0.19 U	<b>0.29</b>	0.20 U	<b>2.7</b>	0.19 U
	Bis(2-chloroethoxy)methane	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Bis(2-chloroethyl)ether	26	250	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Bis(2-chloroisopropyl)ether	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Bis(2-Ethylhexyl)phthalate	2,100	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	4-Bromophenylphenylether	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Butylbenzylphthalate	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Carbazole	1,400	10,000	NS	0.18 U	0.19 U	<b>1.4</b>	0.18 U	<b>0.38</b>	0.19 U	0.18 U	0.20 U	<b>0.54</b>	0.19 U
	4-Chloroaniline	140	120	NS	0.70 U	0.75 U	0.69 U	0.71 U	1.4 U	0.73 U	0.70 U	0.76 U	0.73 U	0.74 U
	4-Chloro-3-methylphenol	NS	NS	NS	0.70 U	0.75 U	0.69 U	0.71 U	1.4 U	0.73 U	0.70 U	0.76 U	0.73 U	0.74 U
	2-Chloronaphthalene	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	2-Chlorophenol	8,500	2,500	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	4-Chlorophenylphenylether	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Chrysene	3,500	10,000	1	<b>1.1</b>	0.19 U	<b>11</b>	0.18 U	<b>2.0</b>	0.19 U	<b>0.76</b>	0.20 U	<b>5.9</b>	0.19 U
	Dibenz(a,h)anthracene	3.5	43	0.32	0.18 U	0.19 U	<b>2.6</b>	0.18 U	0.36 U	0.19 U	0.18 U	0.20 U	<b>0.77</b>	0.19 U
	Dibenzofuran	1,000	950	NS	0.36 U	0.39 U	<b>0.78</b>	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Di-n-octylphthalate	10,000	2,900	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	1,2-Dichlorobenzene	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	1,3-Dichlorobenzene	340	6,200	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	1,4-Dichlorobenzene	8,800	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	3,3-Dichlorobenzidine	64	740	NS	0.18 U	0.19 U	0.18 U	0.18 U	0.36 U	0.19 U	0.18 U	0.20 U	0.19 U	0.19 U
	2,4-Dichlorophenol	3,100	710	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Diethylphthalate	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	2,4-Dimethylphenol	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Dimethylphthalate	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Di-n-butylphthalate	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	4,6-Dinitro-2-methylphenol	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	2,4-Dinitrophenol	2100	4800	NS	0.70 U	0.75 U	0.69 U	0.71 U	1.4 U	0.73 U	0.70 U	0.76 U	0.73 U	0.74 U
	2,4-Dinitrotoluene	93	480	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	2,6-Dinitrotoluene	42	490	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Fluoranthene	10,000	10,000	2	<b>1.7</b>	0.19 U	<b>28</b>	0.18 U	<b>4.1</b>	0.19 U	<b>1.0</b>	0.20 U	<b>8.9</b>	0.19 U
	Fluorene	10,000	10,000	0.22	0.18 U	0.19 U	<b>1.3</b>	0.18 U	0.36 U	0.19 U	0.18 U	0.20 U	0.19 U	0.19 U
	Hexachlorobenzene	18	190	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Hexachlorobutadiene	370	240	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Hexachlorocyclopentadiene	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Hexachloroethane	720	2,400	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Indeno(1,2,3-cd)pyrene	35	430	0.4	<b>0.55</b>	0.19 U	<b>6.2</b>	0.18 U	<b>1.0</b>	0.19 U	<b>0.40</b>	0.20 U	<b>2.9</b>	0.19 U
	Isophorone	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	1-Methylnaphthalene	NS	NS	NS	0.18 U	0.19 U	0.18 U	0.18 U	0.36 U	0.19 U	0.18 U	0.20 U	0.19 U	0.19 U
2-Methylnaphthalene	3,600	600	0.16	0.18 U	0.19 U	0.18 U	0.18 U	0.36 U	0.19 U	0.18 U	0.20 U	0.19 U	0.19 U	
2-Methylphenol	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U	
3/4-Methylphenol	5,100	10000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U	
Naphthalene	10,000	10,000	0.11	0.18 U	0.19 U	<b>0.44</b>	0.18 U	0.36 U	0.19 U	0.18 U	0.20 U	<b>0.22</b>	0.19 U	
Nitrobenzene	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U	
2-Nitroaniline	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U	
3-Nitroaniline	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U	
4-Nitroaniline	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U	

**Table 3**  
**Summary of TRC Soil Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:			MW-6		SB-7		SB-8		SB-9		SB-10	
		Sample Depth (ft.):			0.5-4	4-6	0-4	12-14	0-2	12-13	0.5-4	11-12	0.5-4	4-8
		Sample Date:			9/29/2015	9/29/2015	9/28/2015	9/28/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015	9/29/2015
		MEDEP RAGs <sup>1</sup>												
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL										
<b>SVOCs</b> (ug/L)	2-Nitrophenol	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	4-Nitrophenol	NS	NS	NS	0.70 U	0.75 U	0.69 U	0.71 U	1.4 U	0.73 U	0.70 U	0.76 U	0.73 U	0.74 U
	N-Nitrosodiphenylamine	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	N-Nitrosodimethylamine	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	N-Nitrosodi-n-propylamine	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Pentachloronitrobenzene	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Pentachlorophenol	45	620	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Phenanthrene	10,000	8,900	0.83	<b>1.4</b>	0.19 U	<b>14</b>	0.18 U	<b>3.2</b>	0.19 U	<b>0.77</b>	0.20 U	<b>4.4</b>	0.19 U
	Phenol	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	Pyrene	10,000	10,000	2	<b>1.9</b>	0.19 U	<b>29</b>	0.18 U	<b>3.9</b>	0.19 U	<b>1.2</b>	0.20 U	<b>10</b>	0.19 U
	Pyridine	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	1,2,4-Trichlorobenzene	1,600	430	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	2,4,5-Trichlorophenol	10,000	10,000	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
	2,4,6-Trichlorophenol	1,000	240	NS	0.36 U	0.39 U	0.35 U	0.36 U	0.71 U	0.38 U	0.36 U	0.39 U	0.37 U	0.38 U
<b>PCBs</b> (mg/kg)	Aroclor-1016	12	46	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	0.023 U
	Aroclor-1221	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	0.023 U
	Aroclor-1232	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	0.023 U
	Aroclor-1242	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	0.023 U
	Aroclor-1248	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	<b>0.036</b>
	Aroclor-1254	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	0.023 U
	Aroclor-1260	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	<b>0.033</b>	0.023 U
	Aroclor-1262	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	0.023 U
	Aroclor-1268	NS	NS	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	0.022 U	0.023 U
	Total PCBs	12	6.5	NS	0.021 U	0.023 U	0.021 U	0.021 U	0.021 U	0.022 U	0.021 U	0.023 U	<b>0.033</b>	<b>0.036</b>
<b>Metals, total</b> (mg/kg)	Arsenic	4.2	42	NS	2.7 U	2.8 U	<b>3.1</b>	2.6 U	<b>36</b>	2.8 U	<b>2.9</b>	2.8 U	<b>3.1</b>	2.9 U
	Barium	10,000	10,000	NS	<b>43</b>	<b>31</b>	<b>54</b>	<b>37</b>	<b>31</b>	<b>68</b>	<b>40</b>	<b>37</b>	<b>79</b>	<b>41</b>
	Cadmium	94	19	NS	0.27 U	0.28 U	0.26 U	0.26 U	<b>0.85</b>	0.28 U	0.26 U	0.28 U	<b>0.40</b>	0.29 U
	Chromium	5,100 <sup>(b)</sup>	2,800 <sup>(b)</sup>	NS	<b>18</b>	<b>15</b>	<b>27</b>	<b>21</b>	<b>21</b>	<b>46</b>	<b>17</b>	<b>12</b>	<b>21</b>	<b>25</b>
	Lead	1,100	950	NS	<b>25</b>	<b>3.3</b>	<b>21</b>	<b>2.8</b>	<b>44</b>	<b>3.1</b>	<b>82</b>	<b>2.9</b>	<b>990</b>	<b>57</b>
	Mercury	510	930	NS	<b>0.15</b>	0.029 U	<b>0.042</b>	0.026 U	0.025 U	0.028 U	<b>0.026</b>	0.027 U	<b>0.16</b>	<b>0.075</b>
	Selenium	8,500	1,500	NS	5.3 U	5.7 U	5.1 U	5.2 U	<b>15</b>	5.5 U	5.2 U	5.6 U	<b>7.9</b>	5.8 U
	Silver	8,500	1,500	NS	<b>1.1</b>	<b>0.92</b>	<b>1.0</b>	<b>1.2</b>	0.49 U	<b>1.3</b>	<b>0.85</b>	<b>0.99</b>	<b>1.1</b>	<b>1.1</b>

**Notes:**

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Analyte detected in associated method blank

NA - Sample not analyzed for the listed analyte.

NS - No Maine DEP RAGs exist for this analyte.

U - Analyte was not detected at specified quantitation limit.

Values in **Bold** indicate the analyte was detected.

Values shown in **Bold and shaded type** exceed one or more of the listed MEDEP RAGs

Values shown in **Bold and with double line border** exceed the listed MEDEP RAGs Background values but are less than the other listed RAGs.

VOCs - Volatile Organic Compounds.

VPH - Volatile Petroleum Hydrocarbons.

EPH - Extractable Petroleum Hydrocarbons.

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

<sup>1</sup> - Maine DEP Remedial Action Guidelines (RAGs) for Sites

Contaminated with Hazardous Substances, revised May 8, 2013.

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - used criteria for chromium (VI).

(c) - used criteria for C9-C10 aromatics.

(d) - used criteria for 1,3-Dichloropropene.

**Table 4**  
**Summary of TRC Groundwater Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:		MW-101 10/7/2015	MW-2 10/7/2015	MW-3		MW-4 10/7/2015	MW-5 10/7/2015	MW-6 10/7/2015
		Sample Date:				10/7/2015	10/7/2015 Field Dup			
		MEDEP RAGs <sup>1</sup>								
		Residential Scenario	Construction Worker Scenario							
<b>VOCs</b>										
(ug/L)	Acetone	6,000	160,000	50 U	50 U	50 U	50 U	50 U	50 U	50 U
	Acrylonitrile	0.6	5.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	tert-Amyl Methyl Ether (TAME)	NS	NS	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Benzene	4	44	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromobenzene	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromochloromethane	100	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromodichloromethane	6	130	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Bromoform	40	5,600	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Bromomethane	10	490	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	2-Butanone (MEK)	4,000	22,000	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	tert-Butyl Alcohol (TBA)	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	n-Butylbenzene	200 <sup>(c)</sup>	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	sec-Butylbenzene	200 <sup>(c)</sup>	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	tert-Butylbenzene	200 <sup>(c)</sup>	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	tert-Butyl Ethyl Ether (TBEE)	NS	NS	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Carbon Disulfide	600	4,600	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
	Carbon Tetrachloride	5	310	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Chlorobenzene	100	2,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Chlorodibromomethane	4	200	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Chloroethane	7	20,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Chloroform	70	170	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Chloromethane	20	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	2-Chlorotoluene	100	370,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	4-Chlorotoluene	500	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dibromo-3-chloropropane (DBCP)	0.4	1.2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,2-Dibromoethane (EDB)	0.2	8.7	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Dibromomethane	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dichlorobenzene	200	6,300	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,3-Dichlorobenzene	1	36,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,4-Dichlorobenzene	70	400	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	trans-1,4-Dichloro-2-butene	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Dichlorodifluoromethane (Freon 12)	1,000	5,500	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	1,1-Dichloroethane	60	2,200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dichloroethane	4	140	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1-Dichloroethylene	40	500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	cis-1,2-Dichloroethylene	10	2,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

**Table 4**  
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Analysis	Analyte	Sample ID:		MW-101 10/7/2015	MW-2 10/7/2015	MW-3		MW-4 10/7/2015	MW-5 10/7/2015	MW-6 10/7/2015
		Sample Date:				10/7/2015	10/7/2015 Field Dup			
		MEDEP RAGs <sup>1</sup>								
		Residential Scenario	Construction Worker Scenario							
<b>VOCs</b> (ug/L)	trans-1,2-Dichloroethylene	100	2,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dichloropropane	10	82	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,3-Dichloropropane	100	1,300,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	2,2-Dichloropropane	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1-Dichloropropene	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	cis-1,3-Dichloropropene	4 <sup>(d)</sup>	110 <sup>(d)</sup>	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	trans-1,3-Dichloropropene	4 <sup>(d)</sup>	110 <sup>(d)</sup>	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Diethyl Ether	NS	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Diisopropyl Ether (DIPE)	NS	NS	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	1,4-Dioxane	4	72,000	50 U	50 U	50 U	50 U	50 U	50 U	50 U
	Ethylbenzene	30	1,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Hexachlorobutadiene	4	250	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	2-Hexanone (MBK)	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Isopropylbenzene (Cumene)	200 <sup>(c)</sup>	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	p-Isopropyltoluene (p-Cymene)	70	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Methyl tert-Butyl Ether (MTBE)	40	7,800	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Methylene Chloride	40	2,600	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	4-Methyl-2-pentanone (MIBK)	500	11,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Naphthalene	10	9.7	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	n-Propylbenzene	200 <sup>(c)</sup>	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Styrene	100	2,400	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,1,2-Tetrachloroethane	10	630	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,2,2-Tetrachloroethane	2	41,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Tetrachloroethylene	40	880	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Tetrahydrofuran	600	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Toluene	600	12,000	1.0 U	1.0 U	1.1	1.0 U	1.0 U	1.0 U	1.0 U
	1,2,3-Trichlorobenzene	NS	7.1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,2,4-Trichlorobenzene	70	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,3,5-Trichlorobenzene	40	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,1-Trichloroethane	10,000	15,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1,2-Trichloroethane	6	0.62	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Trichloroethylene	4	5.8	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Trichlorofluoromethane (Freon 11)	2,000	20,000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2,3-Trichloropropane	0.01	NS	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,2,4-Trimethylbenzene	200 <sup>(c)</sup>	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
1,3,5-Trimethylbenzene	200 <sup>(c)</sup>	1,400 <sup>(c)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
Vinyl Chloride	0.2	160	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	
m+p Xylene	1,000 <sup>(a)</sup>	790 <sup>(a)</sup>	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	
o-Xylene	1,000 <sup>(a)</sup>	790 <sup>(a)</sup>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	

**Table 4**  
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Analysis	Analyte	Sample ID:		MW-101 10/7/2015	MW-2 10/7/2015	MW-3		MW-4 10/7/2015	MW-5 10/7/2015	MW-6 10/7/2015
		Sample Date:				10/7/2015	10/7/2015 Field Dup			
		MEDEP RAGs <sup>1</sup>								
		Residential Scenario	Construction Worker Scenario							
<b>VPH</b> (ug/L)	C5-C8 Aliphatics	300	490	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	C9-C12 Aliphatics	700	1,800	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	C9-C10 Aromatics	200	1,400	100 U	100 U	100 U	100 U	100 U	100 U	100 U
<b>EPH</b> (ug/L)	C9-C18 Aliphatics	700	1,900	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	C19-C36 Aliphatics	10,000	59,000,000	100 U	100 U	100 U	100 U	100 U	100 U	100 U
	C11-C22 Aromatics	200	1,600	100 U	100 U	100 U	100 U	100 U	100 U	100 U
<b>SVOCs</b> (ug/L)	Acenaphthene	400	12	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
	Acenaphthylene	NS	14	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
	Acetophenone	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Aniline	NS	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Anthracene	2,000	20	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
	Benzidine	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
	Benzoic Acid	30,000	28,000,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Benzo(a)anthracene	0.5	120	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
	Benzo(a)pyrene	0.05	15	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
	Benzo(b)fluoranthene	0.5	250	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
	Benzo(g,h,i)perylene	NS	14,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Benzo(k)fluoranthene	5	1,200	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
	Bis(2-chloroethoxy)methane	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Bis(2-chloroethyl)ether	0.3	11,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Bis(2-chloroisopropyl)ether	300	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Bis(2-Ethylhexyl)phthalate	30	2,200	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4-Bromophenylphenylether	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Butylbenzylphthalate	200	690,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Carbazole	NS	110,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4-Chloroaniline	2	3,600	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	4-Chloro-3-methylphenol	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Chloronaphthalene	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Chlorophenol	40	49,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4-Chlorophenylphenylether	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Chrysene	50	4,200	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
	Dibenz(a,h)anthracene	0.05	7.3	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
	Dibenzofuran	NS	3,700	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Di-n-octylphthalate	NS	120	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	200	6,300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,3-Dichlorobenzene	1	36,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,4-Dichlorobenzene	70	400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
3,3-Dichlorobenzidine	0.8	9,600	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	

**Table 4**  
**Summary of TRC Groundwater Sample Analytical Results**  
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Analysis	Analyte	Sample ID:		MW-101 10/7/2015	MW-2 10/7/2015	MW-3		MW-4 10/7/2015	MW-5 10/7/2015	MW-6 10/7/2015
		Sample Date:				10/7/2015	10/7/2015 Field Dup			
		MEDEP RAGs <sup>1</sup>								
		Residential Scenario	Construction Worker Scenario							
SVOCs (ug/L)	2,4-Dichlorophenol	20	9,900	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Diethylphthalate	6,000	39,000,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2,4-Dimethylphenol	100	270,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Dimethylphthalate	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Di-n-butylphthalate	700	100,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4,6-Dinitro-2-methylphenol	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2,4-Dinitrophenol	10	160,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2,4-Dinitrotoluene	1	15,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	2,6-Dinitrotoluene	0.5	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Fluoranthene	300	100,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	Fluorene	300	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Hexachlorobenzene	0.2	12	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Hexachlorobutadiene	4	250	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Hexachlorocyclopentadiene	40	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Hexachloroethane	5	1,100	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Indeno(1,2,3-cd)pyrene	0.5	77	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
	Isophorone	400	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	1-Methylnaphthalene	NS	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	2-Methylnaphthalene	30	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	2-Methylphenol	40	170,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	3/4-Methylphenol	4	200,000	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
	Naphthalene	10	9.7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
	Nitrobenzene	1	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	2-Nitroaniline	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	3-Nitroaniline	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4-Nitroaniline	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	2-Nitrophenol	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	4-Nitrophenol	60	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	N-Nitrosodiphenylamine	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	N-Nitrosodimethylamine	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	N-Nitrosodi-n-propylamine	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Pentachloronitrobenzene	2	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	0.9	1,400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Phenanthrene	NS	23	0.050 U	<b>0.068</b>	<b>0.082</b>	<b>0.093</b>	0.050 U	0.050 U	0.050 U	
Phenol	2,000	240,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Pyrene	200	120,000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	
Pyridine	NS	NS	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2,4,5-Tetrachlorobenzene	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
1,2,4-Trichlorobenzene	70	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
2,4,5-Trichlorophenol	700	1,800,000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
2,4,6-Trichlorophenol	7	1,900	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	

**Table 4**  
**Summary of TRC Groundwater Sample Analytical Results**  
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Analysis	Analyte	Sample ID:		MW-101 10/7/2015	MW-2 10/7/2015	MW-3		MW-4 10/7/2015	MW-5 10/7/2015	MW-6 10/7/2015
		Sample Date:				10/7/2015	10/7/2015 Field Dup			
		MEDEP RAGs <sup>1</sup>								
		Residential Scenario	Construction Worker Scenario							
<b>Metals, Dissolved</b>										
(ug/L)	Arsenic	10	1,400	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
	Barium	1,000	1,800,000	50 U	50 U	<b>74</b>	<b>72</b>	50 U	50 U	50 U
	Cadmium	1	650	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
	Chromium	20 <sup>(b)</sup>	78,000 <sup>(b)</sup>	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Lead	10	1,600,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
	Mercury	2 <sup>(c)</sup>	1,500	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
	Selenium	40	46,000	25 U	25 U	25 U	25 U	25 U	25 U	25 U
	Silver	40	47,000	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

**Notes:**

ug/L - micrograms per liter.

NS - No Maine DEP RAGs exist for this analyte.

U - Analyte was not detected at specified quantitation limit.

Values in **Bold** indicate the analyte was detected.

**Values shown in Bold and shaded type exceed one or more of the listed MEDEP RAGs.**

VOCs - Volatile Organic Compounds.

VPH - Volatile Petroleum Hydrocarbons.

EPH - Extractable Petroleum Hydrocarbons.

SVOCs - Semivolatile Organic Compounds.

<sup>1</sup> - Maine DEP Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances, revised May 8, 2013.

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria for Chromium (VI) used.

(c) - used criteria for C9-C10 aromatics.

(d) - used criteria for 1,3-Dichloropropene.

(e) - Maximum Exposure Guidelines (MEG) for Drinking Water, Maine Center for Disease Control,  
Maine Department of Human Services, October 19, 2012

**Table 5**  
**Summary of TRC Soil Gas Sample Analytical Results**  
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Analysis	Analyte	Sample ID:	SG-1	SG-2	SG-3		SG-4
		Sample Date:			9/24/2015	9/24/2015	
		MEDEP RAGs <sup>1</sup>				Field Dup	
		Commercial Exposure Scenario <sup>2</sup>					
<b>APH</b>							
(ug/m3)	Benzene	160	1.2 U	3.0 U	3.0 U	3.0 U	3.0 U
	1,3-Butadiene	41	0.83 U	2.1 U	2.1 U	2.1 U	2.1 U
	Ethylbenzene	490	1.6 U	4.1 U	4.1 U	4.1 U	4.1 U
	Methyl tert-Butyl Ether (MTBE)	4,700	1.4 U	3.4 U	3.4 U	3.4 U	3.4 U
	Toluene	220,000	1.4 U	3.5 U	3.5 U	3.5 U	3.5 U
	Naphthalene	36	1.8 U	4.4 U	4.4 U	4.4 U	4.4 U
	m&p-Xylene	4,400 <sup>(d)</sup>	1.6 U	4.1 U	<b>7.4</b>	<b>7.2</b>	4.1 U
	o-Xylene	4,400 <sup>(d)</sup>	1.6 U	4.1 U	<b>4.4</b>	<b>4.2</b>	4.1 U
	C5-C8 Aliphatics	26,000	<b>430</b>	<b>78</b>	<b>88</b>	<b>55</b>	<b>160</b>
	C9-C10 Aromatics	2,200	<b>52</b>	47 U	47 U	47 U	47 U
	C9-C12 Aliphatics	8,800	<b>390</b>	<b>1,100</b>	<b>120</b>	<b>93</b>	<b>230</b>
<b>TO-15</b>							
(ug/m3)	Acetone	1,400,000	<b>12</b>	<b>25</b>	24 U	24 U	<b>60</b>
	Benzene	160	<b>0.45</b>	0.80 U	<b>1.2</b>	0.80 U	<b>1.1</b>
	Benzyl chloride	44	<b>0.99</b>	1.3 U	1.3 U	1.3 U	1.3 U
	Bromodichloromethane	NS	0.67 U	1.7 U	1.7 U	1.7 U	1.7 U
	Bromoform	1,100	1.0 U	2.6 U	2.6 U	2.6 U	2.6 U
	Bromomethane	220	0.39 U	0.97 U	0.97 U	0.97 U	0.97 U
	1,3-Butadiene	41	0.22 U	0.55 U	0.55 U	0.55 U	0.55 U
	2-Butanone (MEK)	220,000	12 U	29 U	29 U	29 U	29 U
	Carbon Disulfide	31,000	3.1 U	7.8 U	7.8 U	7.8 U	7.8 U
	Carbon Tetrachloride	200	<b>1.1</b>	1.6 U	1.6 U	1.6 U	<b>2.8</b>
	Chlorobenzene	44,000	0.46 U	1.2 U	1.2 U	1.2 U	1.2 U
	Chloroethane	440,000	0.26 U	0.66 U	0.66 U	0.66 U	0.66 U
	Chloroform	53	<b>0.83</b>	1.2 U	<b>1.4</b>	<b>1.3</b>	<b>2.0</b>
	Chloromethane	3,900	0.41 U	1.0 U	1.0 U	1.0 U	1.0 U
	Cyclohexane	26,000 <sup>(c)</sup>	0.34 U	0.86 U	0.86 U	0.86 U	0.86 U
	Dibromochloromethane	45	0.85 U	2.1 U	2.1 U	2.1 U	2.1 U
	1,2-Dibromoethane (EDB)	2.0	0.77 U	1.9 U	1.9 U	1.9 U	1.9 U
	1,2-Dichlorobenzene	8,800	0.60 U	1.5 U	1.5 U	1.5 U	1.5 U
	1,3-Dichlorobenzene	NS	0.60 U	1.5 U	1.5 U	1.5 U	1.5 U
	1,4-Dichlorobenzene	2,600	0.60 U	1.5 U	1.5 U	1.5 U	1.5 U
	Dichlorodifluoromethane (Freon 12)	8,800	<b>4.7</b>	<b>2.7</b>	<b>2.8</b>	<b>3.0</b>	<b>2.5</b>
	1,1-Dichloroethane	22,000	0.40 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,2-Dichloroethane	47	0.40 U	1.0 U	1.0 U	1.0 U	1.0 U
	1,1-Dichloroethylene	8,800	0.40 U	0.99 U	0.99 U	0.99 U	0.99 U
	cis-1,2-Dichloroethylene	2,600	<b>0.69</b>	0.99 U	0.99 U	0.99 U	0.99 U
	trans-1,2-Dichloroethylene	2,600	0.40 U	0.99 U	0.99 U	0.99 U	0.99 U
	1,2-Dichloropropane	120	0.46 U	1.2 U	1.2 U	1.2 U	1.2 U
	cis-1,3-Dichloropropene	310 <sup>(b)</sup>	0.45 U	1.1 U	1.1 U	1.1 U	1.1 U
	trans-1,3-Dichloropropene	310 <sup>(b)</sup>	0.45 U	1.1 U	1.1 U	1.1 U	1.1 U
	1,2-Dichloro-1,1,2,2-tetrafluoroethane	NS	0.70 U	1.7 U	1.7 U	1.7 U	1.7 U
	1,4-Dioxane	130,000	3.6 U	9.0 U	9.0 U	9.0 U	9.0 U
	Ethanol	NS	7.5 U	19 U	19 U	19 U	<b>20</b>
	Ethyl Acetate	NS	0.36 U	0.90 U	0.90 U	0.90 U	0.90 U
	Ethylbenzene	490	0.43 U	1.1 U	<b>3.1</b>	<b>2.7</b>	1.1 U
	4-Ethyltoluene	2,200 <sup>(a)</sup>	0.49 U	1.2 U	1.2 U	1.2 U	1.2 U
	Heptane	26,000 <sup>(c)</sup>	0.41 U	1.0 U	1.0 U	1.0 U	1.0 U
	Hexachlorobutadiene	56	1.1 U	2.7 U	2.7 U	2.7 U	2.7 U
	Hexane	26,000 <sup>(c)</sup>	14 U	35 U	35 U	35 U	35 U

**Table 5**  
**Summary of TRC Soil Gas Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:	SG-1	SG-2	SG-3		SG-4
		Sample Date:			9/24/2015	9/24/2015	
		MEDEP RAGs <sup>1</sup>				Field Dup	
		Commercial Exposure Scenario <sup>2</sup>					
<b>TO-15</b> (ug/m3)	2-Hexanone (MBK)	NS	<b>1.1</b>	1.0 U	<b>1.3</b>	1.0 U	<b>2.0</b>
	Isopropanol	NS	9.8 U	25 U	25 U	25 U	25 U
	Methyl tert-Butyl Ether (MTBE)	4,700	0.36 U	0.90 U	0.90 U	0.90 U	0.90 U
	Methylene Chloride	26,000	3.5 U	8.7 U	8.7 U	8.7 U	8.7 U
	4-Methyl-2-pentanone (MIBK)	130,000	0.41 U	1.0 U	1.0 U	1.0 U	<b>1.3</b>
	Naphthalene	36	<b>1.4</b>	1.3 U	1.3 U	1.3 U	<b>3.1</b>
	Propene	NS	6.9 U	17 U	17 U	17 U	17 U
	Styrene	13,000	0.43 U	1.1 U	1.1 U	1.1 U	1.1 U
	1,1,2,2-Tetrachloroethane	21	0.69 U	1.7 U	1.7 U	1.7 U	1.7 U
	Tetrachloroethylene	1,800	<b>4.20</b>	<b>2.5</b>	<b>11</b>	<b>10</b>	1.7 U
	Tetrahydrofuran	NS	0.29 U	0.74 U	0.74 U	0.74 U	0.74 U
	Toluene	220,000	0.38 U	0.94 U	0.94 U	0.94 U	<b>2.7</b>
	1,2,4-Trichlorobenzene	88	0.74 U	1.9 U	1.9 U	1.9 U	1.9 U
	1,1,1-Trichloroethane	220,000	0.55 U	1.4 U	1.4 U	1.4 U	1.4 U
	1,1,2-Trichloroethane	77	0.55 U	1.4 U	1.4 U	1.4 U	1.4 U
	Trichloroethylene	88	<b>4.7</b>	1.3 U	1.3 U	1.3 U	1.3 U
	Trichlorofluoromethane (Freon 11)	31,000	2.2 U	5.6 U	5.6 U	5.6 U	5.6 U
	1,1,2-Trichloro-1,2,2-trifluoroethane (F)	NS	3.1 U	7.7 U	7.7 U	7.7 U	7.7 U
	1,2,4-Trimethylbenzene	2,200 <sup>(a)</sup>	<b>4.9</b>	<b>2.0</b>	1.2 U	1.2 U	<b>1.4</b>
	1,3,5-Trimethylbenzene	2,200 <sup>(a)</sup>	<b>4.3</b>	1.2 U	1.2 U	1.2 U	1.2 U
Vinyl Acetate	8,800	7.0 U	18 U	18 U	18 U	18 U	
Vinyl Chloride	280	0.26 U	0.64 U	0.64 U	0.64 U	0.64 U	
m&p-Xylene	4,400 <sup>(d)</sup>	0.87 U	2.2 U	<b>12</b>	<b>11</b>	<b>4.5</b>	
o-Xylene	4,400 <sup>(d)</sup>	0.43 U	1.1 U	<b>6.5</b>	<b>5.9</b>	<b>2.6</b>	

**Notes:**

ug/m3 - micrograms per cubic meter.

NS - No Maine DEP RAGs exist for this analyte.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

**Values shown in Bold and shaded type exceed the listed MEDEP RAGs.**

APH - Air-Phase Petroleum Hydrocarbons.

TO - Toxic organics.

<sup>1</sup> - Maine DEP Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances, revised May 8, 2013.

<sup>2</sup> - Soil Gas RAGs are derived from indoor air Commercial Exposure RAGs with a 10x factor applied as per Section E of the 5/8/2013 RAGs.

(a) - RAG for C9-C10 Aromatics used.

(b) - RAG for 1,3-Dichloropropene used.

(c) - RAG for C5-C8 Aromatics used.

(d) - Criteria applicable to xylene (total), the sum of the xylene isomers.

**Table 6**  
**Summary of TRC Background Surficial Soil Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:			S-1	S-2	S-3	S-4	
		Sample Depth (ft.):			0-2	0-2	0-2	0-2	0-2
		Sample Date:			9/24/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015
		MEDEP RAGs <sup>1</sup>							Field Dup
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL					
<b>EPH</b> (mg/kg)	C9-C18 Aliphatics	10,000	10,000	NS	21 U	11 U	12 U	NA	NA
	C19-C36 Aliphatics	10,000	10,000	NS	56	28	12 U	NA	NA
	C11-C22 Aromatics	5,500	10,000	NS	480	160	12 U	NA	NA
	Acenaphthene	10,000	9,800	0.1	0.21 U	0.15	0.12 U	NA	NA
	Acenaphthylene	10,000	10,000	0.32	2.2	0.60	0.12 U	NA	NA
	Anthracene	10,000	3,800	0.29	3.5	0.54	0.12 U	NA	NA
	Benzo(a)anthracene	35	430	0.86	20	2.0	0.12 U	NA	NA
	Benzo(a)pyrene	3.5	43	1.5	19	1.8	0.12 U	NA	NA
	Benzo(b)fluoranthene	35	430	1.3	28	3.3	0.12 U	NA	NA
	Benzo(g,h,i)perylene	10,000	10,000	0.57	8.9	1.4	0.12 U	NA	NA
	Benzo(k)fluoranthene	350	4,300	0.69	9.9	1.1	0.12 U	NA	NA
	Chrysene	3,500	10,000	1	24	3.4	0.12 U	NA	NA
	Dibenz(a,h)anthracene	3.5	43	0.32	3.3	0.11 U	0.12 U	NA	NA
	Fluoranthene	10,000	10,000	2	39	4.4	0.12 U	NA	NA
	Fluorene	10,000	10,000	0.22	0.85	0.51	0.12 U	NA	NA
	Indeno(1,2,3-cd)pyrene	35	430	0.4	11	1.3	0.12 U	NA	NA
	2-Methylnaphthalene	3600	600	0.16	0.21 U	0.27	0.12 U	NA	NA
	Naphthalene	10,000	10,000	0.11	0.32	0.26	0.12 U	NA	NA
	Phenanthrene	10,000	8,900	0.83	12	4.5	0.12 U	NA	NA
	Pyrene	10,000	10,000	2	35	6.1	0.12 U	NA	NA
<b>SVOCs</b> (mg/kg)	Acenaphthene	10,000	9,800	0.1	NA	NA	NA	0.33 U	0.31 U
	Acenaphthylene	10,000	10,000	0.32	NA	NA	NA	0.33 U	0.31 U
	Acetophenone	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Aniline	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Anthracene	10,000	3,800	0.29	NA	NA	NA	0.45	0.36
	Benzidine	NS	NS	NS	NA	NA	NA	1.3 U	1.2 U
	Benzoic Acid	10,000	10,000	NS	NA	NA	NA	2.0 U	1.8 U
	Benzo(a)anthracene	35	430	0.86	NA	NA	NA	1.4	1.4
	Benzo(a)pyrene	3.5	43	1.5	NA	NA	NA	1.3	1.4
	Benzo(b)fluoranthene	35	430	1.3	NA	NA	NA	1.8	1.8
	Benzo(g,h,i)perylene	10,000	10,000	0.57	NA	NA	NA	0.88	0.87
	Benzo(k)fluoranthene	350	4,300	0.69	NA	NA	NA	0.66	0.67
	Bis(2-chloroethoxy)methane	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Bis(2-chloroethyl)ether	26	250	NS	NA	NA	NA	0.67 U	0.62 U
	Bis(2-chloroisopropyl)ether	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Bis(2-Ethylhexyl)phthalate	2,100	10,000	NS	NA	NA	NA	0.67 U	0.62 U
	4-Bromophenylphenylether	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Butylbenzylphthalate	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U
	Carbazole	1,400	10,000	NS	NA	NA	NA	0.33 U	0.31 U
	4-Chloroaniline	140	120	NS	NA	NA	NA	1.3 U	1.2 U
	4-Chloro-3-methylphenol	NS	NS	NS	NA	NA	NA	1.3 U	1.2 U
	2-Chloronaphthalene	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	2-Chlorophenol	8,500	2,500	NS	NA	NA	NA	0.67 U	0.62 U
	4-Chlorophenylphenylether	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Chrysene	3,500	10,000	1	NA	NA	NA	1.6	1.5
	Dibenz(a,h)anthracene	3.5	43	0.32	NA	NA	NA	0.33 U	0.31 U
	Dibenzofuran	1,000	950	NS	NA	NA	NA	0.67 U	0.62 U
	Di-n-octylphthalate	10,000	2,900	NS	NA	NA	NA	0.67 U	0.62 U
	1,2-Dichlorobenzene	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U
	1,3-Dichlorobenzene	340	6,200	NS	NA	NA	NA	0.67 U	0.62 U
	1,4-Dichlorobenzene	8,800	10,000	NS	NA	NA	NA	0.67 U	0.62 U
	3,3-Dichlorobenzidine	64	740	NS	NA	NA	NA	0.33 U	0.31 U
	2,4-Dichlorophenol	3,100	710	NS	NA	NA	NA	0.67 U	0.62 U
	Diethylphthalate	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U
	2,4-Dimethylphenol	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U

**Table 6**  
**Summary of TRC Background Surficial Soil Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:			S-1	S-2	S-3	S-4	
		Sample Depth (ft.):			0-2	0-2	0-2	0-2	0-2
		Sample Date:			9/24/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015
		MEDEP RAGs <sup>1</sup>							Field Dup
		Commercial Worker Scenario	Construction Worker Scenario	Rural Developed ME Background UPL					
<b>SVOCs</b> (mg/kg)	Dimethylphthalate	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Di-n-butylphthalate	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U
	4,6-Dinitro-2-methylphenol	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	2,4-Dinitrophenol	2100	4800	NS	NA	NA	NA	1.3 U	1.2 U
	2,4-Dinitrotoluene	93	480	NS	NA	NA	NA	0.67 U	0.62 U
	2,6-Dinitrotoluene	42	490	NS	NA	NA	NA	0.67 U	0.62 U
	1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Fluoranthene	10,000	10,000	2	NA	NA	NA	<b>3.5</b>	<b>3.2</b>
	Fluorene	10,000	10,000	0.22	NA	NA	NA	0.33 U	0.31 U
	Hexachlorobenzene	18	190	NS	NA	NA	NA	0.67 U	0.62 U
	Hexachlorobutadiene	370	240	NS	NA	NA	NA	0.67 U	0.62 U
	Hexachlorocyclopentadiene	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Hexachloroethane	720	2,400	NS	NA	NA	NA	0.67 U	0.62 U
	Indeno(1,2,3-cd)pyrene	35	430	0.4	NA	NA	NA	<b>0.91</b>	<b>0.87</b>
	Isophorone	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	1-Methylnaphthalene	NS	NS	NS	NA	NA	NA	0.33 U	0.31 U
	2-Methylnaphthalene	3,600	600	0.16	NA	NA	NA	0.33 U	0.31 U
	2-Methylphenol	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U
	3/4-Methylphenol	5,100	10000	NS	NA	NA	NA	<b>1.0</b>	0.62 U
	Naphthalene	10,000	10,000	0.11	NA	NA	NA	0.33 U	0.31 U
	Nitrobenzene	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	2-Nitroaniline	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	3-Nitroaniline	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	4-Nitroaniline	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	2-Nitrophenol	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	4-Nitrophenol	NS	NS	NS	NA	NA	NA	1.3 U	1.2 U
	N-Nitrosodiphenylamine	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	N-Nitrosodimethylamine	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	N-Nitrosodi-n-propylamine	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Pentachloronitrobenzene	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U
	Pentachlorophenol	45	620	NS	NA	NA	NA	0.67 U	0.62 U
	Phenanthrene	10,000	8,900	0.83	NA	NA	NA	<b>2.4</b>	<b>2.1</b>
Phenol	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U	
Pyrene	10,000	10,000	2	NA	NA	NA	<b>3.1</b>	<b>3.1</b>	
Pyridine	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U	
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	NA	NA	NA	0.67 U	0.62 U	
1,2,4-Trichlorobenzene	1,600	430	NS	NA	NA	NA	0.67 U	0.62 U	
2,4,5-Trichlorophenol	10,000	10,000	NS	NA	NA	NA	0.67 U	0.62 U	
2,4,6-Trichlorophenol	1,000	240	NS	NA	NA	NA	0.67 U	0.62 U	
<b>Metals, total</b> (mg/kg)									
Arsenic	4.2	42	NS	2.6 U	<b>5.2</b>	3.0 U	<b>8.4</b>	<b>7.7</b>	
Barium	10,000	10,000	NS	<b>40</b>	<b>50</b>	<b>88</b>	<b>390</b>	<b>210</b>	
Cadmium	94	19	NS	0.26 U	<b>0.57</b>	0.30 U	<b>12</b>	<b>6.0</b>	
Chromium	5,100*	2,800*	NS	<b>13</b>	<b>19</b>	<b>37</b>	<b>170</b>	<b>90</b>	
Lead	1,100	950	NS	<b>68</b>	<b>190</b>	<b>5.0</b>	<b>250</b>	<b>330</b>	
Mercury	510	930	NS	<b>0.060</b>	<b>0.10</b>	0.028 U	<b>0.51</b>	<b>0.46</b>	
Selenium	8,500	1,500	NS	5.3 U	5.7 U	6.0 U	9.5 U	8.8 U	
Silver	8,500	1,500	NS	0.53 U	0.57 U	0.60 U	<b>6.0</b>	0.88 U	

**Notes:**

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

NA - Sample not analyzed for the listed analyte.

NS - No Maine DEP RAGs exist for this analyte.

U - Analyte was not detected at specified quantitation limit.

Values in **Bold** indicate the analyte was detected.

Values shown in **Bold and shaded type** exceed one or more of the listed MEDEP RAGs.

Values shown in **Bold** and with double line border exceed the listed MEDEP RAGs Background values but are less than the other listed RAGs.

EPH - Extractable Petroleum Hydrocarbons.

SVOCs - Semivolatile Organic Compounds.

<sup>1</sup> - Maine DEP Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances, revised May 8, 2013.

\* - Criteria applicable to xylene (total), the sum of the xylene isomers.

**Table 7**  
**Summary of TRC River Sediment Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:		Sed-1	Sed-2	Sed-3		Sed-4
		Sample Depth (ft.):	Sample Date:			0-0.5	0-0.5	
		MEDEP RAGs <sup>1</sup>		0-0.5	0-0.5	0-0.5	0-0.5	
		Park User Scenario	Construction Worker Scenario	9/24/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015
<b>VOCs</b> (mg/kg)								
	Acetone	10,000	10,000	0.094 U	0.096 U	0.11 U	0.089 U	0.10 U
	Acrylonitrile	44	800	0.0056 U	0.0058 U	0.0065 U	0.0054 U	0.0061 U
	tert-Amyl Methyl Ether (TAME)	NS	NS	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	Benzene	140	150	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Bromobenzene	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Bromochloromethane	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Bromodichloromethane	380	6,200	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Bromoform	2,300	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Bromomethane	400	930	0.0094 U	0.0096 U	0.011 U	0.0089 U	0.010 U
	2-Butanone (MEK)	10,000	10,000	0.037 U	0.038 U	0.043 U	0.036 U	0.041 U
	tert-Butyl Alcohol (TBA)	NS	NS	0.037 U	0.038 U	0.043 U	0.036 U	0.041 U
	n-Butylbenzene	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0037 U	0.0038 U	0.0043 U	0.0036 U	0.0041 U
	sec-Butylbenzene	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	tert-Butylbenzene	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	tert-Butyl Ethyl Ether (TBEE)	NS	NS	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	Carbon Disulfide	10,000	10,000	0.019 U	0.019 U	0.022 U	0.018 U	0.020 U
	Carbon Tetrachloride	680	2,800	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Chlorobenzene	10,000	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Chlorodibromomethane	560	4,300	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	Chloroethane	10,000	10,000	0.019 U	0.019 U	0.022 U	0.018 U	0.020 U
	Chloroform	1,500	10,000	0.0037 U	0.0038 U	0.0043 U	0.0036 U	0.0041 U
	Chloromethane	10,000	10,000	0.0094 U	0.0096 U	0.011 U	0.0089 U	0.010 U
	2-Chlorotoluene	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	4-Chlorotoluene	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,2-Dibromo-3-chloropropane (DBCP)	5.4	51	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,2-Dibromoethane (EDB)	12	180	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	Dibromomethane	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,2-Dichlorobenzene	8,500	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,3-Dichlorobenzene	57	6,200	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,4-Dichlorobenzene	4,400	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	trans-1,4-Dichloro-2-butene	NS	NS	0.0037 U	0.0038 U	0.0043 U	0.0036 U	0.0041 U
	Dichlorodifluoromethane (Freon 12)	10,000	10,000	0.019 U	0.019 U	0.022 U	0.018 U	0.020 U
	1,1-Dichloroethane	4,200	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,2-Dichloroethane	260	3,700	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,1-Dichloroethylene	10,000	10,000	0.0037 U	0.0038 U	0.0043 U	0.0036 U	0.0041 U
	cis-1,2-Dichloroethylene	570	6,200	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	trans-1,2-Dichloroethylene	5,700	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,2-Dichloropropane	650	5,500	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,3-Dichloropropane	5,700	10,000	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	2,2-Dichloropropane	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,1-Dichloropropene	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	cis-1,3-Dichloropropene	240 <sup>(d)</sup>	4,300 <sup>(d)</sup>	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	trans-1,3-Dichloropropene	240 <sup>(d)</sup>	4,300 <sup>(d)</sup>	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	Diethyl Ether	NS	NS	0.019 U	0.019 U	0.022 U	0.018 U	0.020 U
	Diisopropyl Ether (DIPE)	NS	NS	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	1,4-Dioxane	180	3,300	0.094 U	0.096 U	0.11 U	0.089 U	0.10 U
	Ethylbenzene	2,200	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Hexachlorobutadiene	220	240	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	2-Hexanone (MBK)	NS	NS	0.019 U	0.019 U	0.022 U	0.018 U	0.020 U

**Table 7**  
**Summary of TRC River Sediment Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:		Sed-1	Sed-2	Sed-3		Sed-4
		Sample Depth (ft.):	Sample Date:			0-0.5	0-0.5	
		MEDEP RAGs <sup>1</sup>		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
		Park User Scenario	Construction Worker Scenario	9/24/2015	9/24/2015	9/24/2015	9/24/2015	9/24/2015
<b>VOCs</b> (mg/kg)	Isopropylbenzene (Cumene)	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	p-Isopropyltoluene (p-Cymene)	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Methyl tert-Butyl Ether (MTBE)	8,500	10,000	0.0037 U	0.0038 U	0.0043 U	0.0036 U	0.0041 U
	Methylene Chloride	1,700	10,000	0.019 U	0.019 U	0.022 U	0.018 U	0.020 U
	4-Methyl-2-pentanone (MIBK)	10,000	10,000	0.019 U	0.019 U	0.022 U	0.018 U	0.020 U
	Naphthalene	4,200	10,000	0.0037 U	0.0038 U	0.0043 U	0.0036 U	0.0041 U
	n-Propylbenzene	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Styrene	10,000	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,1,1,2-Tetrachloroethane	910	9,300	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,1,2,2-Tetrachloroethane	120	2,200	0.00094 U	0.00096 U	0.0011 U	0.00089 U	0.0010 U
	Tetrachloroethylene	1,700	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Tetrahydrofuran	NS	NS	0.0094 U	0.0096 U	0.011 U	0.0089 U	0.010 U
	Toluene	10,000	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,2,3-Trichlorobenzene	2,800	420	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,2,4-Trichlorobenzene	820	430	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,3,5-Trichlorobenzene	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,1,1-Trichloroethane	10,000	10,000	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,1,2-Trichloroethane	410	5,400	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Trichloroethylene	140	140	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Trichlorofluoromethane (Freon 11)	10,000	10,000	0.0094 U	0.0096 U	0.011 U	0.0089 U	0.010 U
	1,2,3-Trichloropropane	NS	NS	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,1,2-Trichloro-1,2,2-trifluoroethane (F)	NS	NS	0.0094 U	0.0096 U	0.011 U	0.0089 U	0.010 U
	1,2,4-Trimethylbenzene	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	1,3,5-Trimethylbenzene	1,200 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	Vinyl Chloride	0.49	600	0.0094 U	0.0096 U	0.011 U	0.0089 U	0.010 U
	m+p Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	0.0037 U	0.0038 U	0.0043 U	0.0036 U	0.0041 U
	o-Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	0.0019 U	0.0019 U	0.0022 U	0.0018 U	0.0020 U
	<b>VPH</b> (mg/kg)	C5-C8 Aliphatics	2,300	10,000	11 U	12 U	11 U	13 U
C9-C12 Aliphatics		4,400	10,000	11 U	12 U	11 U	13 U	13 U
C9-C10 Aromatics		1,200	10,000	11 U	12 U	11 U	13 U	13 U
<b>EPH</b> (mg/kg)	C9-C18 Aliphatics	4,400	10,000	13 U	13 U	12 U	13 U	13 U
	C19-C36 Aliphatics	10,000	10,000	<b>26</b>	13 U	12 U	13 U	<b>20</b>
	C11-C22 Aromatics	1,200	10,000	<b>49</b>	<b>35</b>	<b>37</b>	<b>160</b>	<b>51</b>
<b>SVOCs</b> (mg/kg)	Acenaphthene	10,000	9,800	0.23 U	0.22 U	<b>0.95</b>	<b>0.42</b>	0.22 U
	Acenaphthylene	10,000	10,000	0.23 U	0.22 U	0.20 U	0.21 U	0.22 U
	Acetophenone	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Aniline	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Anthracene	10,000	3,800	0.23 U	0.22 U	<b>3.9</b>	<b>2.0</b>	0.22 U
	Benzidine	NS	NS	0.87 U	0.85 U	0.79 U	0.83 U	0.86 U
	Benzoic Acid	10,000	10,000	1.3 U	1.3 U	1.2 U	1.3 U	1.3 U
	Benzo(a)anthracene	4.4	430	<b>1.0</b>	<b>0.54</b>	<b>11</b>	<b>5.2</b>	<b>0.60</b>
	Benzo(a)pyrene	0.44	43	<b>1.0</b>	<b>0.54</b>	<b>7.6</b>	<b>3.9</b>	<b>0.55</b>
	Benzo(b)fluoranthene	4.4	430	<b>1.3</b>	<b>0.65</b>	<b>10</b>	<b>4.5</b>	<b>0.67</b>
	Benzo(g,h,i)perylene	6,200	10,000	<b>0.69</b>	<b>0.37</b>	<b>3.8</b>	<b>1.8</b>	<b>0.34</b>
	Benzo(k)fluoranthene	44	4,300	<b>0.46</b>	<b>0.27</b>	<b>4.0</b>	<b>1.9</b>	<b>0.26</b>
	Bis(2-chloroethoxy)methane	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U

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**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:		Sed-1	Sed-2	Sed-3		Sed-4
		Sample Depth (ft.):	Sample Date:			0-0.5	0-0.5	
		MEDEP RAGs <sup>1</sup>		0-0.5	0-0.5	0-0.5	0-0.5	
		Park User Scenario	Construction Worker Scenario	9/24/2015	9/24/2015	9/24/2015	9/24/2015	Field Dup
SVOCs (mg/kg)	Bis(2-chloroethyl)ether	16	250	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Bis(2-chloroisopropyl)ether	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Bis(2-Ethylhexyl)phthalate	1,300	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	4-Bromophenylphenylether	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Butylbenzylphthalate	9,500	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Carbazole	900	10,000	0.23 U	0.22 U	<b>0.66</b>	0.21 U	0.22 U
	4-Chloroaniline	90	120	0.87 U	0.85 U	0.79 U	0.83 U	0.86 U
	4-Chloro-3-methylphenol	NS	NS	0.87 U	0.85 U	0.79 U	0.83 U	0.86 U
	2-Chloronaphthalene	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	2-Chlorophenol	1,400	2,500	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	4-Chlorophenylphenylether	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Chrysene	440	10,000	<b>1.2</b>	<b>0.66</b>	<b>9.5</b>	<b>4.8</b>	<b>0.67</b>
	Dibenz(a,h)anthracene	0.44	43	0.23 U	0.22 U	<b>1.4</b>	<b>0.65</b>	0.22 U
	Dibenzofuran	220	950	0.45 U	0.44 U	<b>0.62</b>	0.43 U	0.44 U
	Di-n-octylphthalate	2,700	2,900	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	1,2-Dichlorobenzene	8,500	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	1,3-Dichlorobenzene	57	6,200	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	1,4-Dichlorobenzene	4,400	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	3,3-Dichlorobenzidine	40	740	0.23 U	0.22 U	0.20 U	0.21 U	0.22 U
	2,4-Dichlorophenol	670	710	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Diethylphthalate	10,000	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	2,4-Dimethylphenol	4,400	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Dimethylphthalate	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Di-n-butylphthalate	10,000	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	4,6-Dinitro-2-methylphenol	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	2,4-Dinitrophenol	440	4800	0.87 U	0.85 U	0.79 U	0.83 U	0.86 U
	2,4-Dinitrotoluene	58	480	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	2,6-Dinitrotoluene	26	490	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Fluoranthene	8,300	10,000	<b>2.1</b>	<b>1.2</b>	<b>27</b>	<b>11</b>	<b>1.2</b>
	Fluorene	8,300	10,000	0.23 U	0.22 U	<b>1.4</b>	<b>0.66</b>	0.22 U
	Hexachlorobenzene	11	190	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Hexachlorobutadiene	220	240	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Hexachlorocyclopentadiene	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Hexachloroethane	160	2,400	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
	Indeno(1,2,3-cd)pyrene	4.4	430	<b>0.73</b>	<b>0.39</b>	<b>4.7</b>	<b>2.2</b>	<b>0.38</b>
	Isophorone	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U
1-Methylnaphthalene	NS	NS	0.23 U	0.22 U	0.20 U	0.21 U	0.22 U	
2-Methylnaphthalene	830	600	0.23 U	0.22 U	0.20 U	0.21 U	0.22 U	
2-Methylphenol	10,000	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
3/4-Methylphenol	1,100	10000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
Naphthalene	4,200	10,000	0.23 U	0.22 U	<b>0.29</b>	0.21 U	0.22 U	
Nitrobenzene	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
2-Nitroaniline	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
3-Nitroaniline	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
4-Nitroaniline	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
2-Nitrophenol	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
4-Nitrophenol	NS	NS	0.87 U	0.85 U	0.79 U	0.83 U	0.86 U	
N-Nitrosodiphenylamine	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	
N-Nitrosodimethylamine	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U	

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Analysis	Analyte	Sample ID:		Sed-1	Sed-2	Sed-3		Sed-4		
		Sample Depth (ft.):				0-0.5	0-0.5		0-0.5	0-0.5
		Sample Date:								
		MEDEP RAGs <sup>1</sup>				Field Dup				
Park User Scenario	Construction Worker Scenario									
<b>SVOCs</b> (mg/kg)	N-Nitrosodi-n-propylamine	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
	Pentachloronitrobenzene	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
	Pentachlorophenol	33	620	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
	Phenanthrene	6,200	8,900	<b>0.98</b>	<b>0.57</b>	<b>11</b>	<b>4.7</b>	<b>0.72</b>		
	Phenol	10,000	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
	Pyrene	6,200	10,000	<b>2.0</b>	<b>1.1</b>	<b>19</b>	<b>9.1</b>	<b>1.2</b>		
	Pyridine	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
	1,2,4,5-Tetrachlorobenzene	NS	NS	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
	1,2,4-Trichlorobenzene	820	430	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
	2,4,5-Trichlorophenol	10,000	10,000	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U		
2,4,6-Trichlorophenol	220	240	0.45 U	0.44 U	0.41 U	0.43 U	0.44 U			
<b>PCBs</b> (mg/kg)	Aroclor-1016	8.2	46	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1221	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1232	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1242	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1248	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1254	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1260	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1262	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Aroclor-1268	NS	NS	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
	Total PCBs	4.1	6.5	0.027 U	0.026 U	0.024 U	0.025 U	0.026 U		
<b>Metals, total</b> (mg/kg)	Arsenic	2.3	42	3.5 U	3.3 U	2.9 U	3.1 U	3.4 U		
	Barium	10,000	10,000	<b>25</b>	<b>21</b>	<b>38</b>	<b>38</b>	<b>24</b>		
	Cadmium	18	19	0.35 U	0.33 U	0.29 U	0.31 U	0.34 U		
	Chromium	850 <sup>(b)</sup>	2,800 <sup>(b)</sup>	<b>14</b>	<b>13</b>	<b>19</b>	<b>20</b>	<b>12</b>		
	Lead	530	950	<b>16</b>	<b>9.9</b>	<b>12</b>	<b>12</b>	<b>9.1</b>		
	Mercury	85	930	0.034 U	0.028 U	0.026 U	0.032 U	0.030 U		
	Selenium	1,400	1,500	7.0 U	6.6 U	5.7 U	6.3 U	6.8 U		
	Silver	1,400	1,500	0.70 U	0.66 U	0.57 U	0.63 U	0.68 U		

**Notes:**

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

NS - No Maine DEP RAGs exist for this analyte.

U - Analyte was not detected at specified quantitation limit.

Values in **Bold** indicate the analyte was detected.

**Values shown in Bold and shaded type exceed one or more of the listed MEDEP RAGs.**

VOCs - Volatile Organic Compounds.

VPH - Volatile Petroleum Hydrocarbons.

EPH - Extractable Petroleum Hydrocarbons.

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

<sup>1</sup> - Maine DEP Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances, revised May 8, 2013.

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - used criteria for chromium (VI).

(c) - used criteria for C9-C10 aromatics.

(d) - used criteria for 1,3-Dichloropropene.

**Table 8**  
**Summary of TRC Drain, Sump, and/or Catch Basin Soil/Sediment Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID: Sample Date:		Drain-1 9/24/2015	Drain-2		Drain-3 9/24/2015			
		MEDEP RAGs <sup>1</sup>			9/24/2015	9/24/2015		9/24/2015		
		Commercial Worker Scenario	Construction Worker Scenario						Field Dup	
									DUP-2	
<b>VOCs</b> (mg/kg)										
	Acetone	10,000	10,000	14 U	0.14 U	0.077 U	0.086 U			
	Acrylonitrile	88	800	1.4 U	0.0082 U	0.0046 U	0.0052 U			
	tert-Amyl Methyl Ether (TAME)	NS	NS	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	Benzene	850	150	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Bromobenzene	NS	NS	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Bromochloromethane	NS	NS	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Bromodichloromethane	770	6,200	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Bromoform	3,600	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Bromomethane	2,400	930	0.57 U	0.014 U	0.0077 U	0.0086 U			
	2-Butanone (MEK)	10,000	10,000	5.7 U	0.054 U	0.031 U	0.034 U			
	tert-Butyl Alcohol (TBA)	NS	NS	5.7 U	0.054 U	0.031 U	0.034 U			
	n-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	<b>2.0</b>	0.0054 U	0.0031 U	0.0034 U			
	sec-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	<b>1.3</b>	0.0027 U	0.0015 U	0.0017 U			
	tert-Butylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	tert-Butyl Ethyl Ether (TBEE)	NS	NS	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	Carbon Disulfide	10,000	10,000	0.85 U	0.027 U	0.015 U	0.017 U			
	Carbon Tetrachloride	680	2,800	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Chlorobenzene	10,000	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Chlorodibromomethane	560	4,300	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	Chloroethane	10,000	10,000	0.57 U	0.027 U	0.015 U	0.017 U			
	Chloroform	1,500	10,000	0.57 U	0.0054 U	0.0031 U	0.0034 U			
	Chloromethane	10,000	10,000	0.57 U	0.014 U	0.0077 U	0.0086 U			
	2-Chlorotoluene	NS	NS	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	4-Chlorotoluene	NS	NS	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,2-Dibromo-3-chloropropane (DBCP)	47	51	1.4 U	0.0027 U	0.0015 U	0.0017 U			
	1,2-Dibromoethane (EDB)	24	180	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	Dibromomethane	NS	NS	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,2-Dichlorobenzene	10,000	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,3-Dichlorobenzene	340	6,200	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,4-Dichlorobenzene	8,800	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	trans-1,4-Dichloro-2-butene	NS	NS	0.57 U	0.0054 U	0.0031 U	0.0034 U			
	Dichlorodifluoromethane (Freon 12)	10,000	10,000	0.57 U	0.027 U	0.015 U	0.017 U			
	1,1-Dichloroethane	8,400	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,2-Dichloroethane	520	3,700	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,1-Dichloroethylene	10,000	10,000	0.28 U	0.0054 U	0.0031 U	0.0034 U			
	cis-1,2-Dichloroethylene	3,400	6,200	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	trans-1,2-Dichloroethylene	10,000	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,2-Dichloropropane	1,300	5,500	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,3-Dichloropropane	10,000	10,000	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	2,2-Dichloropropane	NS	NS	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	1,1-Dichloropropene	NS	NS	0.57 U	0.0027 U	0.0015 U	0.0017 U			
	cis-1,3-Dichloropropene	480 <sup>(d)</sup>	4,300 <sup>(d)</sup>	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	trans-1,3-Dichloropropene	480 <sup>(d)</sup>	4,300 <sup>(d)</sup>	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	Diethyl Ether	NS	NS	0.57 U	0.027 U	0.015 U	0.017 U			
	Diisopropyl Ether (DIPE)	NS	NS	0.14 U	0.0014 U	0.00077 U	0.00086 U			
	1,4-Dioxane	290	3,300	14 U	0.14 U	0.077 U	0.086 U			
	Ethylbenzene	4,300	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	Hexachlorobutadiene	370	240	0.28 U	0.0027 U	0.0015 U	0.0017 U			
	2-Hexanone (MBK)	NS	NS	2.8 U	0.027 U	0.015 U	0.017 U			
	Isopropylbenzene (Cumene)	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	<b>8.0</b>	0.0027 U	0.0015 U	0.0017 U			

**Table 8**  
**Summary of TRC Drain, Sump, and/or Catch Basin Soil/Sediment Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID: Sample Date:		Drain-1 9/24/2015	Drain-2		Drain-3 9/24/2015	
		MEDEP RAGs <sup>1</sup>			9/24/2015	9/24/2015		Field Dup DUP-2
		Commercial Worker Scenario	Construction Worker Scenario					
<b>VOCs</b> (mg/kg)	p-Isopropyltoluene (p-Cymene)	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	<b>1.7</b>	0.0027 U	0.0015 U	0.0017 U	
	Methyl tert-Butyl Ether (MTBE)	10,000	10,000	0.28 U	0.0054 U	0.0031 U	0.0034 U	
	Methylene Chloride	10,000	10,000	1.4 U	0.027 U	0.015 U	0.017 U	
	4-Methyl-2-pentanone (MIBK)	10,000	10,000	2.8 U	0.027 U	0.015 U	0.017 U	
	Naphthalene	10,000	10,000	0.57 U	0.0054 U	0.0031 U	0.0034 U	
	n-Propylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	<b>27</b>	0.0027 U	0.0015 U	0.0017 U	
	Styrene	10,000	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	1,1,1,2-Tetrachloroethane	1,800	9,300	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	1,1,2,2-Tetrachloroethane	240	2,200	0.14 U	0.0014 U	0.00077 U	0.00086 U	
	Tetrachloroethylene	10,000	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	Tetrahydrofuran	NS	NS	2.8 U	0.014 U	0.0077 U	0.0086 U	
	Toluene	10,000	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	1,2,3-Trichlorobenzene	10,000	420	1.4 U	0.0027 U	0.0015 U	0.0017 U	
	1,2,4-Trichlorobenzene	1,600	430	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	1,3,5-Trichlorobenzene	NS	NS	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	1,1,1-Trichloroethane	10,000	10,000	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	1,1,2-Trichloroethane	830	5,400	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	Trichloroethylene	850	140	0.28 U	0.0027 U	0.0015 U	0.0017 U	
	Trichlorofluoromethane (Freon 11)	10,000	10,000	0.57 U	0.014 U	0.0077 U	0.0086 U	
	1,2,3-Trichloropropane	NS	NS	0.57 U	0.0027 U	0.0015 U	0.0017 U	
	1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	0.28 U	0.014 U	0.0077 U	0.0086 U	
	1,2,4-Trimethylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	<b>98</b>	0.0027 U	0.0015 U	0.0017 U	
	1,3,5-Trimethylbenzene	5,000 <sup>(c)</sup>	10,000 <sup>(c)</sup>	<b>50</b>	0.0027 U	0.0015 U	0.0017 U	
	Vinyl Chloride	66	600	0.57 U	0.014 U	0.0077 U	0.0086 U	
	m+p Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	0.57 U	0.0054 U	0.0031 U	0.0034 U	
	o-Xylene	10,000 <sup>(a)</sup>	10,000 <sup>(a)</sup>	<b>1.5</b>	0.0027 U	0.0015 U	0.0017 U	
	<b>VPH</b> (mg/kg)	C5-C8 Aliphatics	10,000	10,000	79 U	24 U	12 U	<b>30</b>
		C9-C12 Aliphatics	10,000	10,000	79 U	24 U	12 U	29 U
C9-C10 Aromatics		5,500	10,000	<b>270</b>	24 U	12 U	29 U	
<b>EPH</b> (mg/kg)	C9-C18 Aliphatics	10,000	10,000	<b>600</b>	<b>560</b>	<b>830</b>	<b>38</b>	
	C19-C36 Aliphatics	10,000	10,000	<b>28,000</b>	<b>26,000</b>	<b>43,000</b>	<b>330</b>	
	C11-C22 Aromatics	5,500	10,000	<b>6,800</b>	<b>5,800</b>	<b>10,000</b>	<b>260</b>	
<b>SVOCs</b> (mg/kg)	Acenaphthene	10,000	9,800	0.61 U	2.6 U	2.3 U	0.20 U	
	Acenaphthylene	10,000	10,000	0.61 U	2.6 U	2.3 U	0.20 U	
	Acetophenone	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U	
	Aniline	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U	
	Anthracene	10,000	3,800	0.61 U	2.6 U	2.3 U	0.20 U	
	Benzidine	NS	NS	2.4 U	9.9 U	8.8 U	0.77 U	
	Benzoic Acid	10,000	10,000	3.6 U	15 U	13 U	1.2 U	
	Benzo(a)anthracene	35	430	0.61 U	2.6 U	2.3 U	<b>0.48</b>	
	Benzo(a)pyrene	3.5	43	0.61 U	2.6 U	2.3 U	<b>0.42</b>	
	Benzo(b)fluoranthene	35	430	0.61 U	2.6 U	2.3 U	<b>0.57</b>	
	Benzo(g,h,i)perylene	10,000	10,000	0.61 U	2.6 U	2.3 U	<b>0.30</b>	
	Benzo(k)fluoranthene	350	4,300	0.61 U	2.6 U	2.3 U	<b>0.24</b>	
	Bis(2-chloroethoxy)methane	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U	
	Bis(2-chloroethyl)ether	26	250	1.2 U	5.1 U	4.5 U	0.40 U	
	Bis(2-chloroisopropyl)ether	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U	

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**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID: Sample Date:		Drain-1 9/24/2015	Drain-2		Drain-3 9/24/2015		
		MEDEP RAGs <sup>1</sup>			9/24/2015	9/24/2015		Field Dup 9/24/2015	
		Commercial Worker Scenario	Construction Worker Scenario						DUP-2
<b>SVOCs</b> (mg/kg)	Bis(2-Ethylhexyl)phthalate	2,100	10,000	<b>10</b>	<b>16</b>	<b>15</b>	<b>4.8</b>		
	4-Bromophenylphenylether	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	Butylbenzylphthalate	10,000	10,000	1.2 U	5.1 U	4.5 U	0.40 U		
	Carbazole	1,400	10,000	0.61 U	2.6 U	2.3 U	0.20 U		
	4-Chloroaniline	140	120	2.4 U	9.9 U	8.8 U	0.77 U		
	4-Chloro-3-methylphenol	NS	NS	2.4 U	9.9 U	8.8 U	0.77 U		
	2-Chloronaphthalene	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	2-Chlorophenol	8,500	2,500	1.2 U	5.1 U	4.5 U	0.40 U		
	4-Chlorophenylphenylether	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	Chrysene	3,500	10,000	<b>0.94</b>	2.6 U	2.3 U	<b>0.57</b>		
	Dibenz(a,h)anthracene	3.5	43	0.61 U	2.6 U	2.3 U	0.20 U		
	Dibenzofuran	1,000	950	1.2 U	5.1 U	4.5 U	0.40 U		
	Di-n-octylphthalate	10,000	2,900	1.2 U	5.1 U	4.5 U	0.40 U		
	1,2-Dichlorobenzene	10,000	10,000	1.2 U	5.1 U	4.5 U	0.40 U		
	1,3-Dichlorobenzene	340	6,200	1.2 U	5.1 U	4.5 U	0.40 U		
	1,4-Dichlorobenzene	8,800	10,000	1.2 U	5.1 U	4.5 U	0.40 U		
	3,3-Dichlorobenzidine	64	740	0.61 U	2.6 U	2.3 U	0.20 U		
	2,4-Dichlorophenol	3,100	710	1.2 U	5.1 U	4.5 U	0.40 U		
	Diethylphthalate	10,000	10,000	1.2 U	5.1 U	4.5 U	0.40 U		
	2,4-Dimethylphenol	10,000	10,000	1.2 U	5.1 U	4.5 U	0.40 U		
	Dimethylphthalate	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	Di-n-butylphthalate	10,000	10,000	1.2 U	5.1 U	4.5 U	<b>1.5</b>		
	4,6-Dinitro-2-methylphenol	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	2,4-Dinitrophenol	2100	4800	2.4 U	9.9 U	8.8 U	0.77 U		
	2,4-Dinitrotoluene	93	480	1.2 U	5.1 U	4.5 U	0.40 U		
	2,6-Dinitrotoluene	42	490	1.2 U	5.1 U	4.5 U	0.40 U		
	1,2-Diphenylhydrazine (as Azobenzene)	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	Fluoranthene	10,000	10,000	0.61 U	2.6 U	2.3 U	<b>0.85</b>		
	Fluorene	10,000	10,000	0.61 U	2.6 U	2.3 U	0.20 U		
	Hexachlorobenzene	18	190	1.2 U	5.1 U	4.5 U	0.40 U		
	Hexachlorobutadiene	370	240	1.2 U	5.1 U	4.5 U	0.40 U		
	Hexachlorocyclopentadiene	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	Hexachloroethane	720	2,400	1.2 U	5.1 U	4.5 U	0.40 U		
	Indeno(1,2,3-cd)pyrene	35	430	0.61 U	2.6 U	2.3 U	<b>0.27</b>		
	Isophorone	NS	NS	1.2 U	5.1 U	4.5 U	<b>4.7</b>		
	1-Methylnaphthalene	NS	NS	0.61 U	2.6 U	2.3 U	0.20 U		
	2-Methylnaphthalene	3,600	600	0.61 U	2.6 U	2.3 U	<b>0.27</b>		
	2-Methylphenol	10,000	10,000	1.2 U	5.1 U	4.5 U	0.40 U		
	3/4-Methylphenol	5,100	10000	1.2 U	5.1 U	4.5 U	0.40 U		
	Naphthalene	10,000	10,000	0.61 U	2.6 U	2.3 U	<b>0.21</b>		
	Nitrobenzene	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
	2-Nitroaniline	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U		
3-Nitroaniline	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U			
4-Nitroaniline	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U			
2-Nitrophenol	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U			
4-Nitrophenol	NS	NS	2.4 U	9.9 U	8.8 U	0.77 U			
N-Nitrosodiphenylamine	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U			
N-Nitrosodimethylamine	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U			
N-Nitrosodi-n-propylamine	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U			
Pentachloronitrobenzene	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U			
Pentachlorophenol	45	620	1.2 U	5.1 U	4.5 U	0.40 U			

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**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID: Sample Date:		Drain-1 9/24/2015	Drain-2		Drain-3 9/24/2015	
		MEDEP RAGs <sup>1</sup>			9/24/2015	9/24/2015		Field Dup DUP-2
		Commercial Worker Scenario	Construction Worker Scenario					
<b>SVOCs</b> (mg/kg)	Phenanthrene	10,000	8,900	0.61 U	2.6 U	2.3 U	<b>0.73</b>	
	Phenol	10,000	10,000	1.2 U	5.1 U	4.5 U	0.40 U	
	Pyrene	10,000	10,000	0.61 U	2.6 U	2.3 U	<b>0.92</b>	
	Pyridine	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U	
	1,2,4,5-Tetrachlorobenzene	NS	NS	1.2 U	5.1 U	4.5 U	0.40 U	
	1,2,4-Trichlorobenzene	1,600	430	1.2 U	5.1 U	4.5 U	0.40 U	
	2,4,5-Trichlorophenol	10,000	10,000	1.2 U	5.1 U	4.5 U	0.40 U	
	2,4,6-Trichlorophenol	1,000	240	1.2 U	5.1 U	4.5 U	0.40 U	
<b>PCBs</b> (mg/kg)	Aroclor-1016	12	46	0.072 U	0.060 U	0.027 U	0.12 U	
	Aroclor-1221	NS	NS	0.072 U	0.060 U	0.027 U	0.12 U	
	Aroclor-1232	NS	NS	0.072 U	0.060 U	0.027 U	0.12 U	
	Aroclor-1242	NS	NS	0.072 U	0.060 U	0.027 U	0.12 U	
	Aroclor-1248	NS	NS	<b>0.11</b>	0.060 U	0.027 U	0.12 U	
	Aroclor-1254	NS	NS	<b>0.11</b>	<b>0.39</b>	<b>0.30</b>	0.12 U	
	Aroclor-1260	NS	NS	0.072 U	0.060 U	0.027 U	<b>0.33</b>	
	Aroclor-1262	NS	NS	0.072 U	0.060 U	0.027 U	0.12 U	
	Aroclor-1268	NS	NS	0.072 U	0.060 U	0.027 U	0.12 U	
	Total PCBs	12	6.5	<b>0.22</b>	<b>0.39</b>	<b>0.30</b>	<b>0.33</b>	
<b>Metals, total</b> (mg/kg)	Arsenic	4.2	42	9.0 U	<b>14</b>	<b>7.2</b>	<b>7.0</b>	
	Barium	10,000	10,000	<b>150</b>	<b>130</b>	<b>87</b>	<b>150</b>	
	Cadmium	94	19	<b>23</b>	<b>6.3</b>	<b>3.3</b>	<b>1.6</b>	
	Chromium	5,100 <sup>(b)</sup>	2,800 <sup>(b)</sup>	<b>41</b>	<b>78</b>	<b>53</b>	<b>39</b>	
	Lead	1,100	950	<b>140</b>	<b>430</b>	<b>170</b>	<b>62</b>	
	Mercury	510	930	<b>0.27</b>	<b>0.23</b>	<b>0.19</b>	<b>1.3</b>	
	Selenium	8,500	1,500	18 U	7.5 U	13	5.7 U	
	Silver	8,500	1,500	1.8 U	0.75 U	0.66 U	0.57 U	

**Notes:**

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

NS - No Maine DEP RAGs exist for this analyte.

U - Compound was not detected at specified quantitation limit.

Values in **Bold** indicate the compound was detected.

**Values shown in Bold and shaded type exceed one or more of the listed MEDEP RAGs.**

VOCs - Volatile Organic Compounds.

VPH - Volatile Petroleum Hydrocarbons.

EPH - Extractable Petroleum Hydrocarbons.

SVOCs - Semivolatile Organic Compounds.

PCBs - Polychlorinated Biphenyls.

<sup>1</sup> - Maine DEP Remedial Action Guidelines (RAGs) for Sites Contaminated with Hazardous Substances, revised May 8, 2013.

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - used criteria for chromium (VI).

(c) - used criteria for C9-C10 aromatics.

(d) - used criteria for 1,3-Dichloropropene.

**Table 9**  
**Summary of TRC PCB Wipe Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Sample ID: Sample Date:	PCB-1 9/29/2015	PCB-2 9/23/2015	PCB-3 9/23/2015	PCB-4 9/23/2015	PCB-5 9/23/2015	PCB-6 9/23/2015	PCB-7 9/23/2015	PCB-8 9/23/2015	PCB-9 9/23/2015	PCB-10 9/24/2015
Analyte											
<b>PCBs</b> (ug/100cm <sup>2</sup> )	Aroclor-1016	0.20 U									
	Aroclor-1221	0.20 U									
	Aroclor-1232	0.20 U									
	Aroclor-1242	0.20 U									
	Aroclor-1248	<b>0.23</b>	0.20 U	<b>0.53</b>	0.20 U						
	Aroclor-1254	0.20 U	<b>0.39</b>	0.20 U	0.20 U	0.20 U	<b>0.29</b>	0.20 U	<b>0.41</b>	<b>0.44</b>	0.20 U
	Aroclor-1260	0.20 U	<b>0.27</b>	0.20 U	0.20 U						
	Aroclor-1262	0.20 U									
	Aroclor-1268	0.20 U									
	Total PCBs	<b>0.23</b>	<b>0.39</b>	0.20 U	0.20 U	0.20 U	<b>0.29</b>	0.20 U	<b>0.68</b>	<b>0.97</b>	0.20 U

**Notes:**

ug/100cm<sup>2</sup> - micrograms per 100 square centimeters.

Values in **Bold** indicate the analyte was detected.

PCBs - Polychlorinated Biphenyls.

**Table 10**  
**Summary of TRC Waste Oil Characterization Sample Analytical Results**  
**Phase II Environmental Site Assessment Summary Report**  
**Forster Mill - Wilton, Maine**

Analysis	Analyte	Sample ID:		Waste-5 9/23/2015
		Sample Date:		
		(1)	(2)	
<b>PCBs</b>				
(mg/kg)	Aroclor-1016	10	49	0.97 U
	Aroclor-1221	10	49	0.97 U
	Aroclor-1232	10	49	0.97 U
	Aroclor-1242	10	49	0.97 U
	Aroclor-1248	10	49	0.97 U
	Aroclor-1254	10	49	0.97 U
	Aroclor-1260	10	49	0.97 U
	Aroclor-1262	10	49	0.97 U
	Aroclor-1268	10	49	0.97 U
	Total PCBs	10	49	0.97 U
<b>Metals, total</b>				
(mg/kg)	Arsenic	5	18	4.7 U
	Cadmium	2	10	5.9 U
	Chromium	10	35	2.3 U
	Lead	100	1,000	3.5 U
<b>General Chemistry</b>				
(mg/kg)	Total Halogens	1,000	4,000	50 U
(°F)	Flashpoint	>=100	>=100	>150

**Notes:**

mg/kg - milligrams per kilogram or parts per million (ppm).

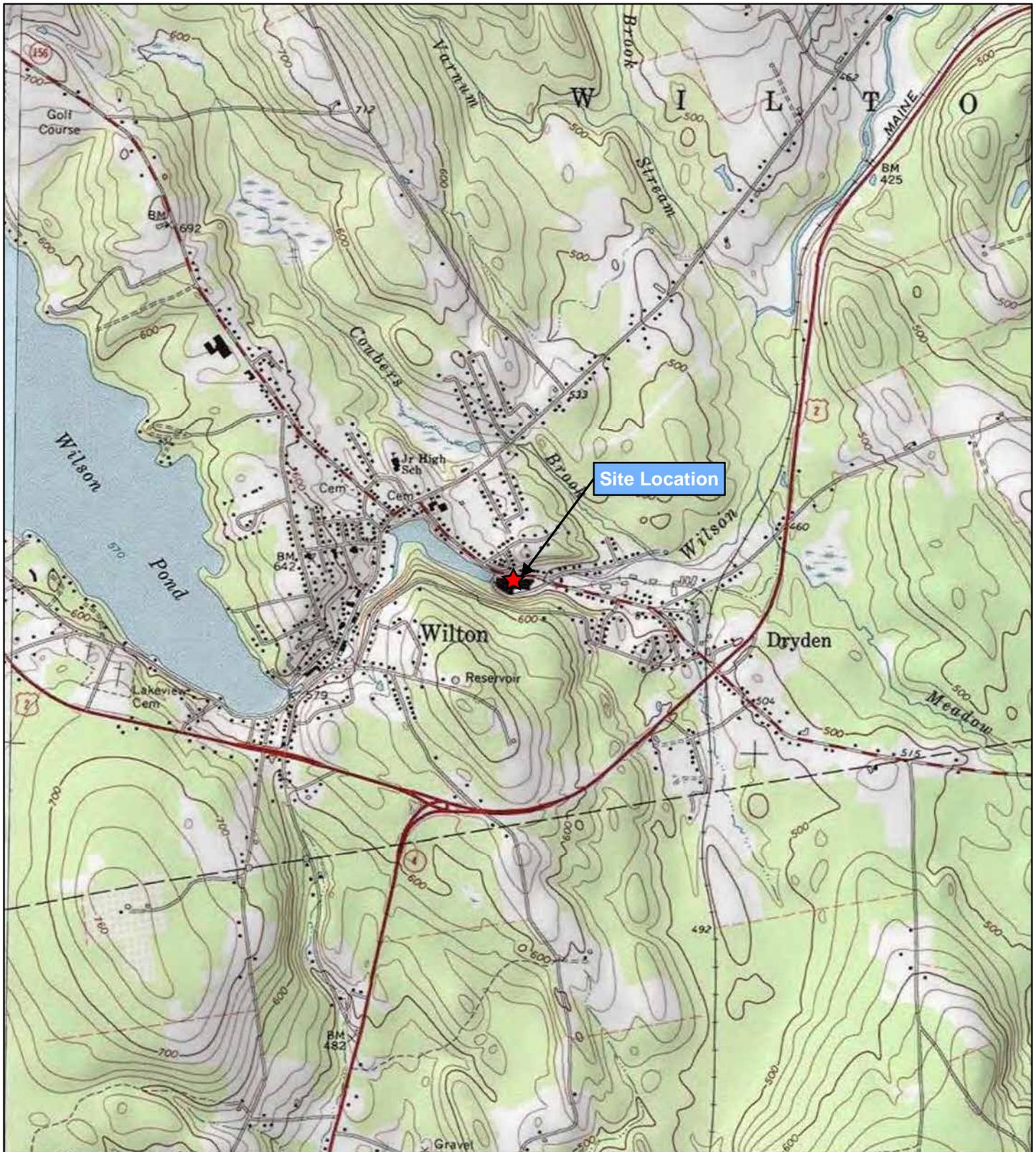
U - Analyte was not detected at specified quantitation limit.

PCBs - Polychlorinated Biphenyls.

(1) - Specification Waste Oil, Maine Regulations Chapter 860, Waste Oil Management Rules, Section 4.

(2) - Off-Specification Waste Oil, Maine Regulations Chapter 860, Waste Oil Management Rules, Section 4.

## FIGURES



**Legend**

★ Site Location



Maine



6 Ashley Drive, 1st Floor  
 Scarborough, ME 04074  
 (207) 879-1930

**SITE LOCATION MAP  
 FORSTER MANUFACTURING  
 581 DEPOT STREET  
 WILTON, MAINE**

Sanford 7.5-Minute USGS  
 Topographic Quadrangle

0 1,000 2,000  
 Feet

FIGURE 1

NOVEMBER 2015



6 Ashley Drive  
 Scarborough, ME 04074  
 (207) 879-1930

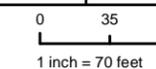
Site Plan

Forster Mill  
 581 Depot Rd.  
 Wilton, ME 04294

Maine Department of  
 Environmental Protection

FIGURE 2

NOVEMBER  
 2015



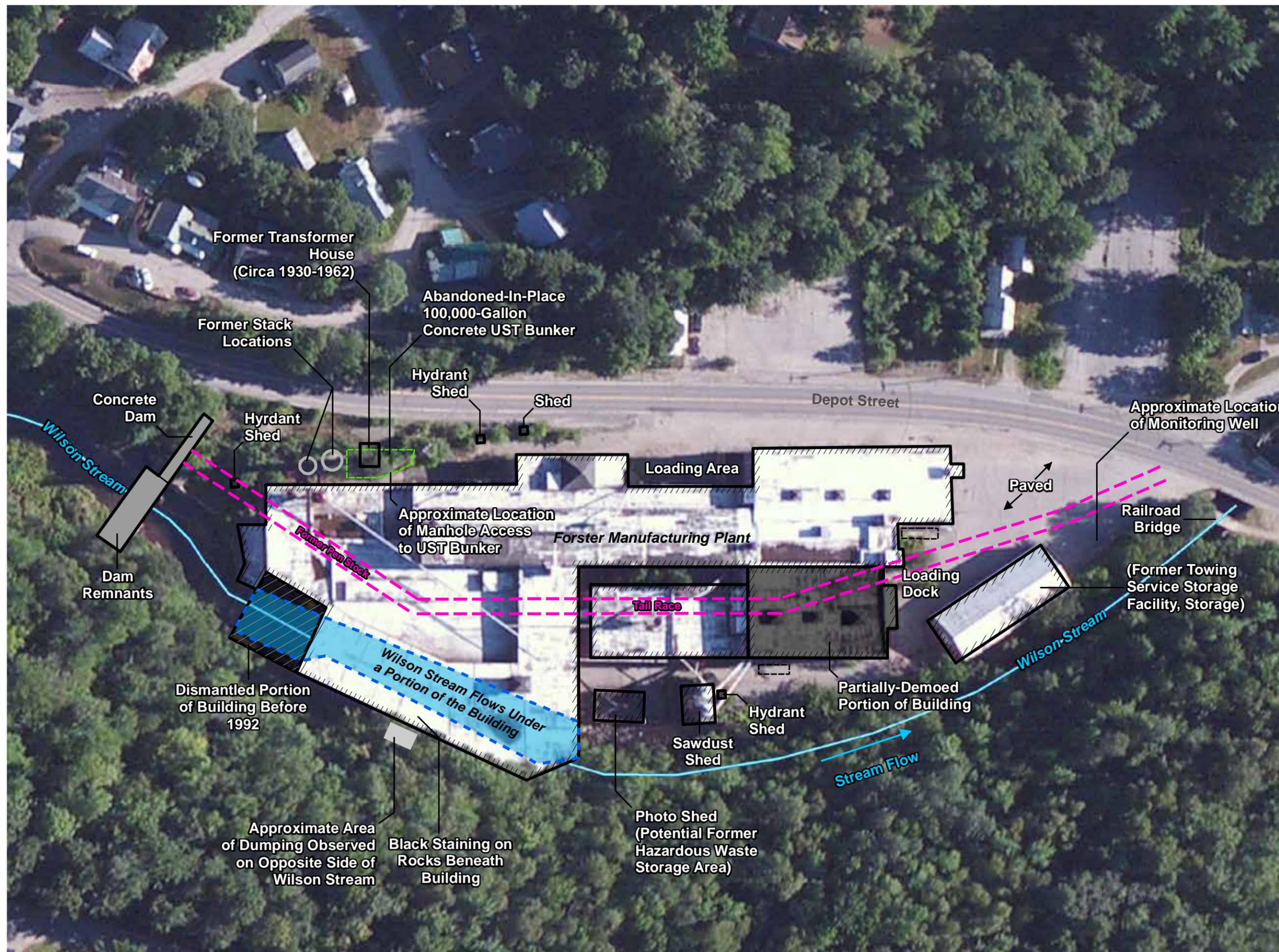
Legend

Approximate Building Outline

Narrative

This figure depicts Site features as identified in the Phase I environmental Site assessment performed by Ransom Consulting, Inc. of Portland, Maine in June, 2015. The features identified herein and during the Site walk-through TRC completed with ME DEP in September, 2015 determined the exploration locations to be sampled as part of the Phase II field activities. Refer to Figures 3-7 for specific exploration identifications.

Basemap: Ransom Consulting, Inc.  
 ASTM Phase I ESA, June 29, 2015



R:\RMD\ENVV RMD Projects\Maine DEP\233392 P1 (Forster Mill, Wilton) (RFB 17)\Phase II Report\Figures\AI files\Figure 2 Site Plan 11x17.ai



6 Ashley Drive  
 Scarborough, ME 04074  
 (207) 879-1930

Exploration Location Plan -  
 Exterior

Forster Mill  
 581 Depot Rd.  
 Wilton, ME 04294

Maine Department of  
 Environmental Protection

FIGURE 3

NOVEMBER  
 2015



**Legend**

- Approximate Metal Shed Building Outline
- Approx. Soil Boring Location (SB-\_)
- Approx. Monitoring Well Location (MW-\_)
- Approx. Sediment Sample Location (Sed-\_)
- Approx. Background Soil Sample Location (S-\_)
- Approx. PCB Wipe Sample Location (PCB-\_)
- Approx. Waste Characterization Sample Location (Waste-\_)
- Approx. Location of Observed Potential Hazardous Waste (Haz-\_)



Basemap: Ransom Consulting, Inc.  
 ASTM Phase I ESA, June 29, 2015

R:\RMD\ENV RMD Projects\Maine DEP\233392 P1 (Forster Mill, Wilton) (RFB 17)\Phase II Report\Figures\1 files\Figure 3 Exterior ELP 11x17.ai



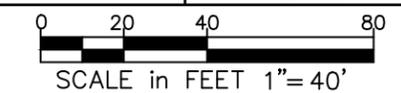
6 Ashley Drive  
 Scarborough, ME 04074  
 (207) 879-1930

Exploration Location Plan -  
 Basement / Bottom Floor

Forster Mill  
 581 Depot Rd.  
 Wilton, ME 04294

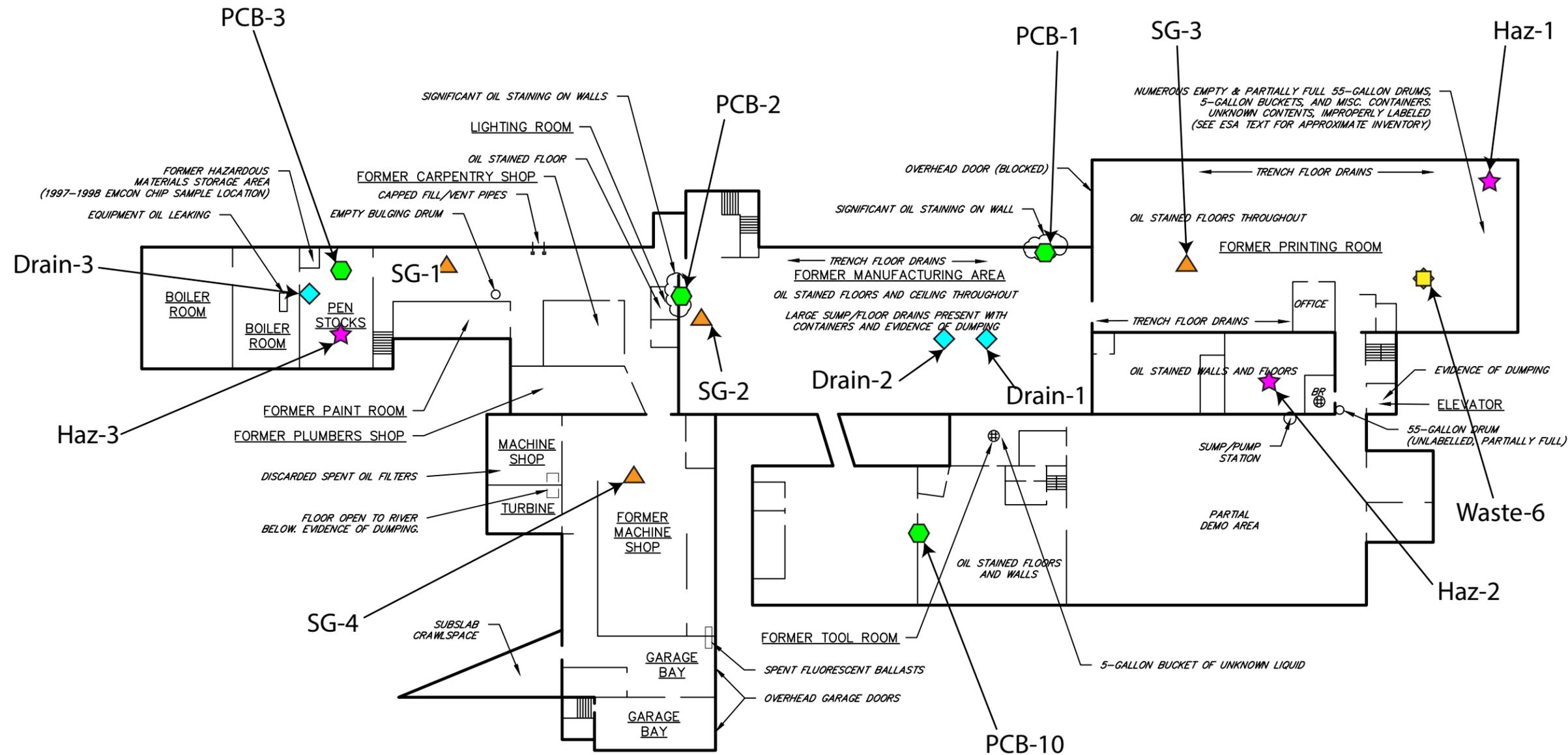
Maine Department of  
 Environmental Protection

FIGURE 4 NOVEMBER  
 2015



**Legend**

- Approximate Building Outline
- Approx. Soil Gas Location (SG-\_)
- Approx. Drain/Catch Basin/ Sump Location (Drain-\_)
- Approx. PCB Wipe Sample Location (PCB-\_)
- Approx. Waste Characterization Sample Location (Waste-\_)
- Approx. Location of Observed Potential Hazardous Waste (Haz-\_)



R:\RMD\ENV RMD Projects\Maine DEP\233392 P1 (Forster Mill, Wilton) (RFB 17)\Phase II Report\Figures\1 files\Figures 4-7 Interior 11x17.ai



6 Ashley Drive  
 Scarborough, ME 04074  
 (207) 879-1930

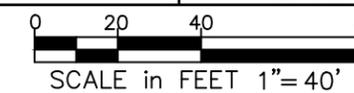
Exploration Location Plan -  
 1st Floor

Forster Mill  
 581 Depot Rd.  
 Wilton, ME 04294

Maine Department of  
 Environmental Protection

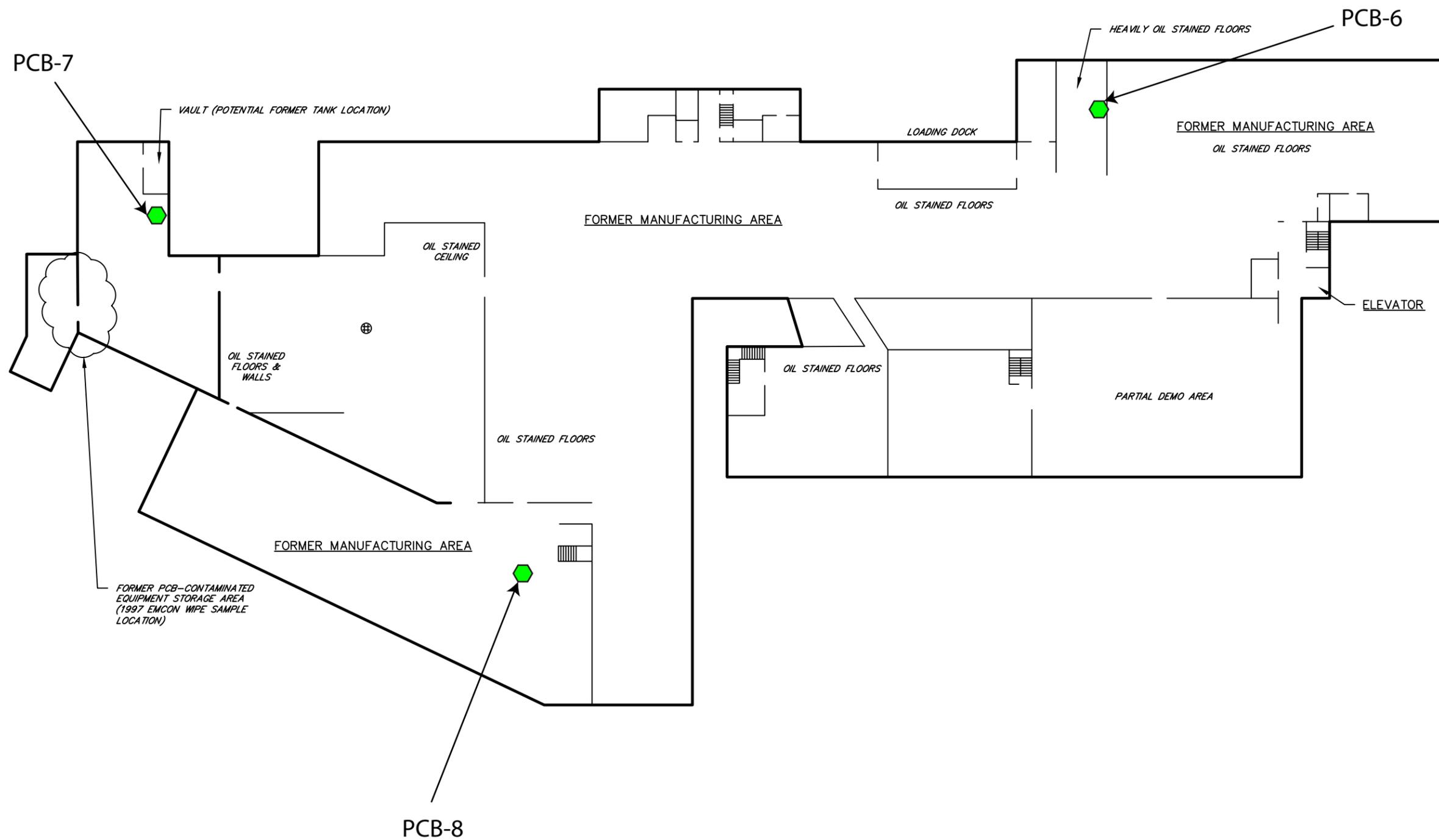
FIGURE 5

NOVEMBER  
 2015



**Legend**

- Approximate Building Outline
- Approx. PCB Wipe Sample Location (PCB-\_)



Basemap: Ransom Consulting, Inc.  
 ASTM Phase I ESA, June 29, 2015

R:\RMD\ENV RMD Projects\Maine DEP\233392 P1 (Forster Mill, Wilton) (RFB 17)\Phase II Report\Figures\1 files\Figures 4-7 Interior 11x17.ai



6 Ashley Drive  
 Scarborough, ME 04074  
 (207) 879-1930

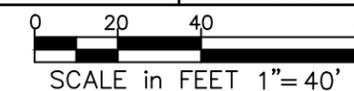
Exploration Location Plan -  
 2nd Floor

Forster Mill  
 581 Depot Rd.  
 Wilton, ME 04294

Maine Department of  
 Environmental Protection

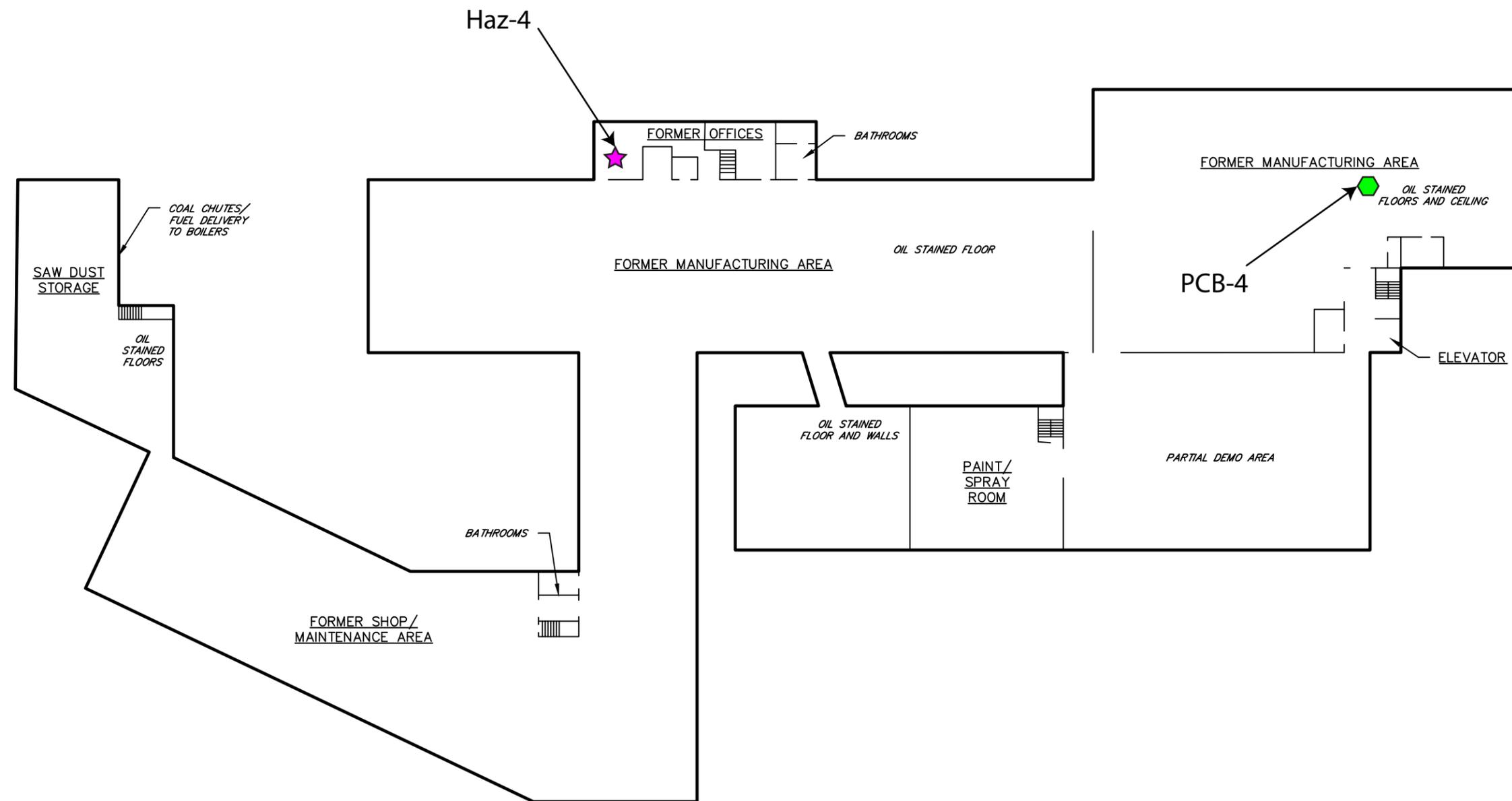
FIGURE 6

NOVEMBER  
 2015



**Legend**

- Approximate Building Outline
- Approx. PCB Wipe Sample Location (PCB-\_)
- Approx. Location of Observed Potential Hazardous Waste (Haz-\_)





6 Ashley Drive  
Scarborough, ME 04074  
(207) 879-1930

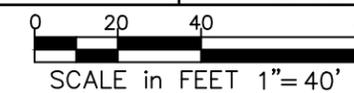
Exploration Location Plan - 3rd  
Floor

Forster Mill  
581 Depot Rd.  
Wilton, ME 04294

Maine Department of  
Environmental Protection

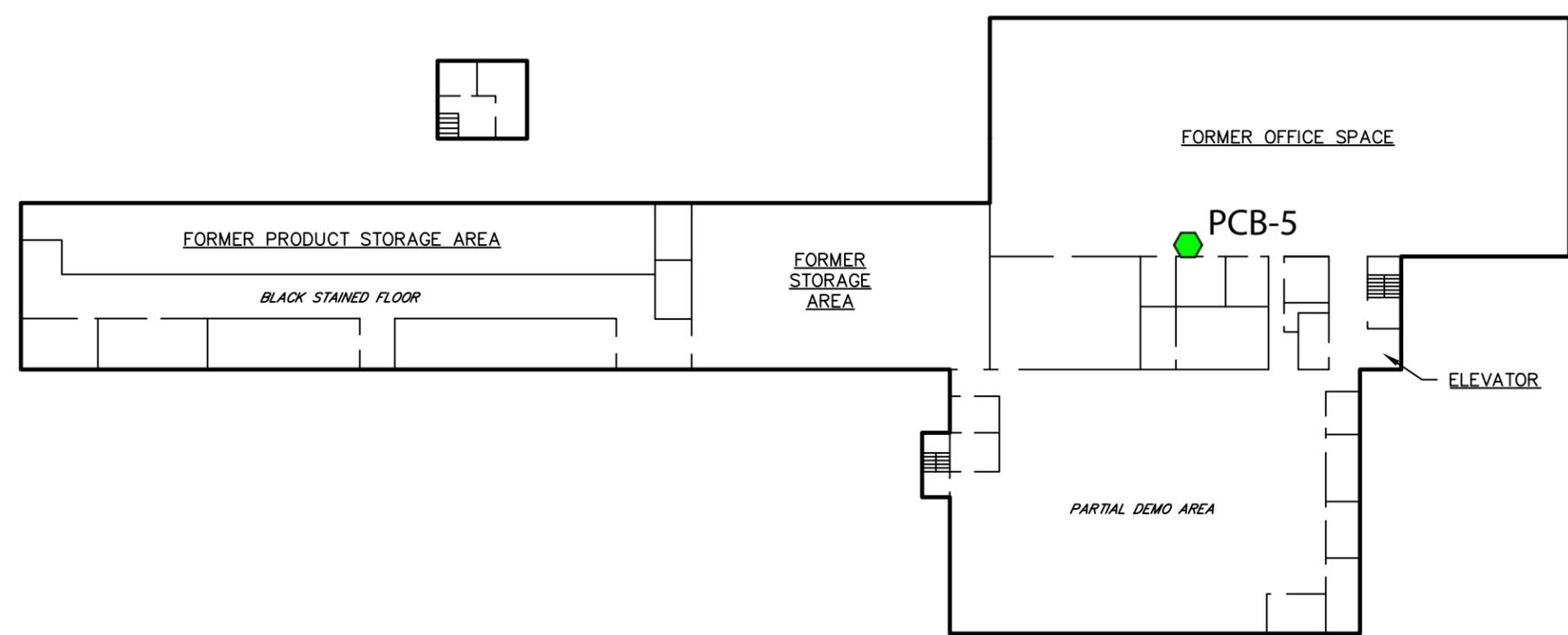
FIGURE 7

NOVEMBER  
2015



### Legend

- Approximate Building Outline
- Approx. PCB Wipe Sample Location (PCB-\_)



## **APPENDIX A**

## **PHOTO LOG**

**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 1**

**Date:** Sept. 21, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
DigSmart is tracing  
piping using a RD-8000  
Electronic Locator.

Part 1 of 2.



**Photo No. 2**

**Date:** Sept. 21, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
RD-8000 Electronic  
Locator used by  
DigSmart to trace pipes.

Part 2 of 2.



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 3**

**Date:** Sept. 28-29, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Installation of soil boring/monitoring well MW-2. Borings were completed by Geoprobe via Environmental Projects, Inc. on September 28 and 29, 2015.



**Photo No. 4**

**Date:** Sept. 28-29, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Installation of soil boring/monitoring well MW-1. Borings were completed by Geoprobe via Environmental Projects, Inc. on September 28 and 29, 2015.



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 5**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Completing the hazardous waste inventory and waste characterization sampling. Removed and sampled a bag of unidentified liquid from the former photo shed (Waste-1), south of the main mill building.

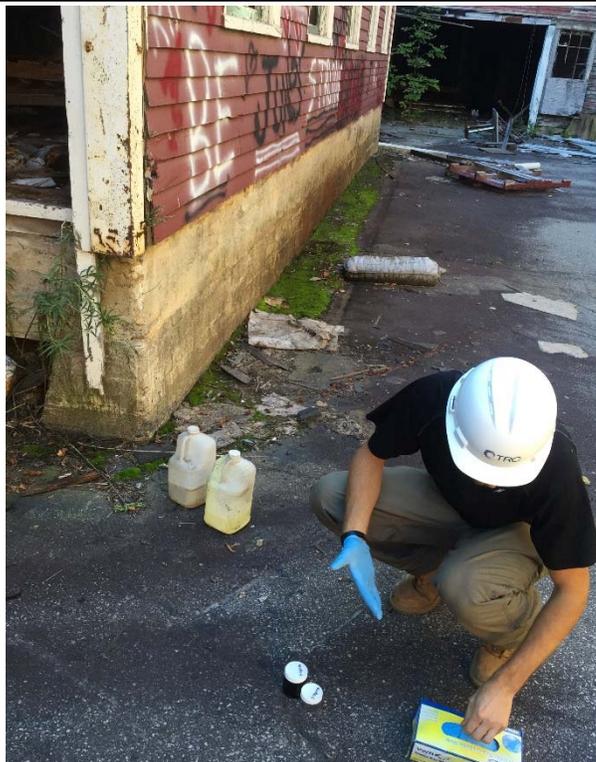


**Photo No. 6**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Completing the hazardous waste inventory and waste characterization sampling. Removed and sampled yellowish/clear unidentified liquid from the former photo shed (Waste-2), south of the main mill building.



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

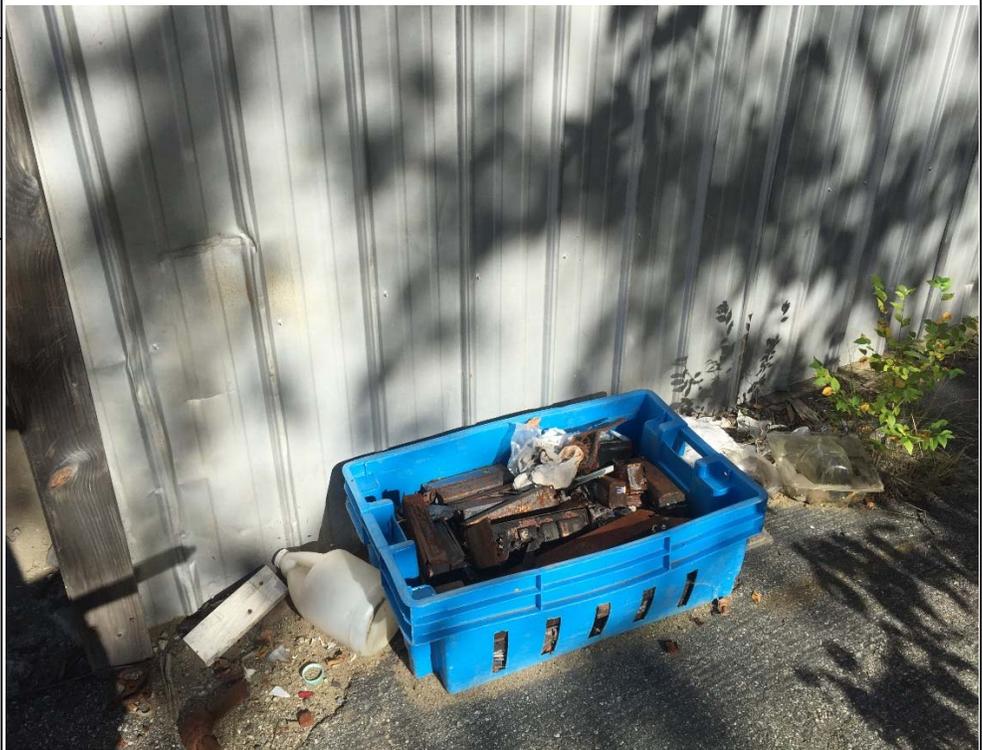
**Project No.:** 233392

**Photo No. 7**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Completing the hazardous waste inventory and waste characterization sampling. Possible PCB containing ballasts (Haz-4).



**Photo No. 8**

**Date:** Sept. 21, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Collection of waste characterization sample Waste-3 from the exterior metal shed. The shed was filled with debris, a number of open and sealed containers, and compressed gas cylinders (Haz-5).



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 9**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Abandoned AST (Haz-8)  
and standing  
compressed gas  
cylinders (Haz-5) in the  
exterior metal shed.



**Photo No. 10**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Dark petroleum like  
substance seeping  
through the cracks in the  
basement foundation.  
Collected a PCB wipe  
(PCB-2) from this  
location.



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 11**

**Date:** Sept. 24, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Collected background soil sample (S-3) from the soils above the southern bank of Wilson Stream.



**Photo No. 12**

**Date:** Sept. 24, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Collected background soil sample (S-4), adjacent to the former stack.



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 13**

**Date:** Sept. 24, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Collecting sub-slab soil gas sample (S-3), and duplicate sample DUP-1 from the basement former printing room.



**Photo No. 14**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
The location of SG-2 and PCB-2 on the west end of the former manufacturing area of the basement level.



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 15**

**Date:** Sept. 24, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Collecting drain and sump sediment. This is the material from the bottom of Drain-1.



**Photo No. 16**

**Date:** Oct. 7, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Developing monitoring well MW-1, a little bit of an oily sheen at the start of purging.



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 17**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Paint-like material (Haz-1) in a plastic drum in the former printing room area of the basement level.



**Photo No. 18**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Location of PCB wipe sample (PCB-5) on the 3<sup>rd</sup> floor.



**Client Name: Maine Department of Environmental Protection**

**Photographic Log**

**Project: Forster Mill, Wilton, Maine**

**Project No.: 233392**

**Photo No. 19**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Location of PCB wipe sample (PCB-7) on the 1<sup>st</sup> floor.



**Photo No. 20**

**Date:** Sept. 23, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Debris and various fuel tanks within the exterior metal shed (Haz-6).



**Client Name:** Maine Department of Environmental Protection

**Photographic Log**

**Project:** Forster Mill, Wilton, Maine

**Project No.:** 233392

**Photo No. 21**

**Date:** Sept. 24, 2015

**Site Location:**  
Forster Mill, Wilton, ME

**Description:**  
Looking west along Wilson Stream. River sediment sample location Sed-1 was collected just beyond the remnants of the stone dam. Sed-2 was collected along the bank on the right side of the photo, where visible oily sheen was noted on more stagnant waters.



**Photo No. 22**

**Date:** Sept. 29 2015

**Site Location:**  
Forster Mill, Wilton, ME

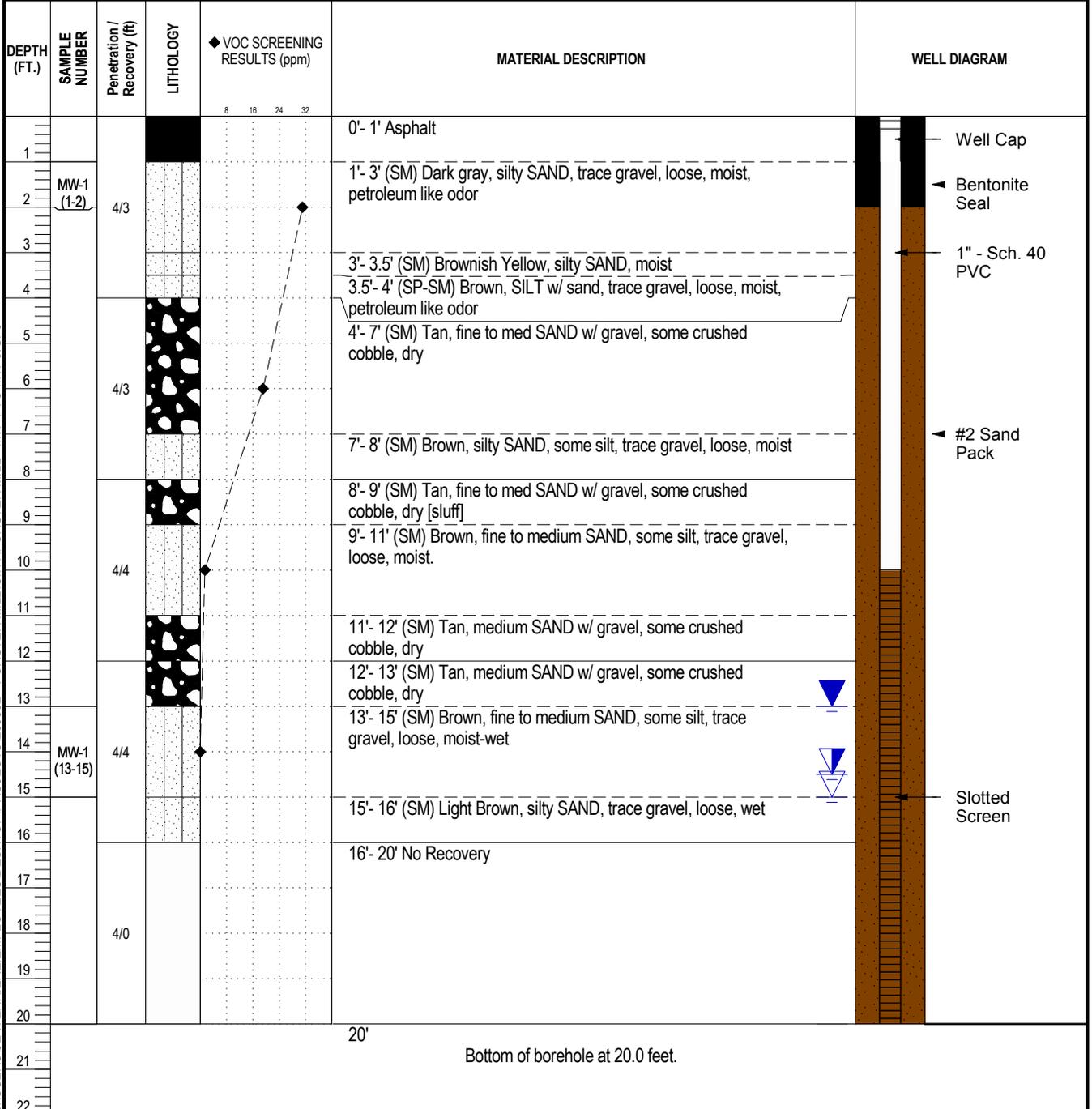
**Description:**  
Leftover soil from a run at location SB-9, after sampling volume was removed.



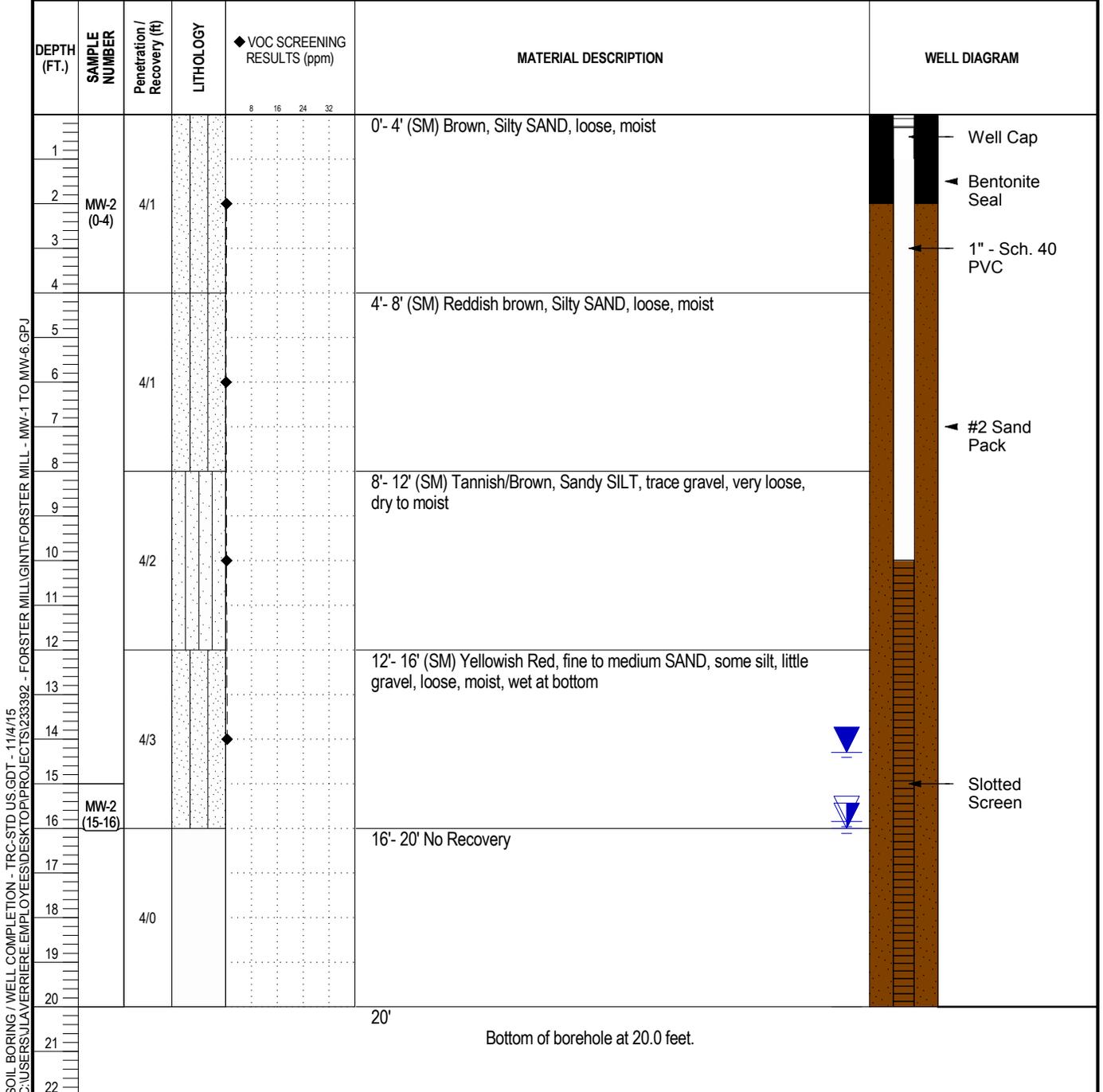
**APPENDIX B**

**SOIL BORING LOGS**

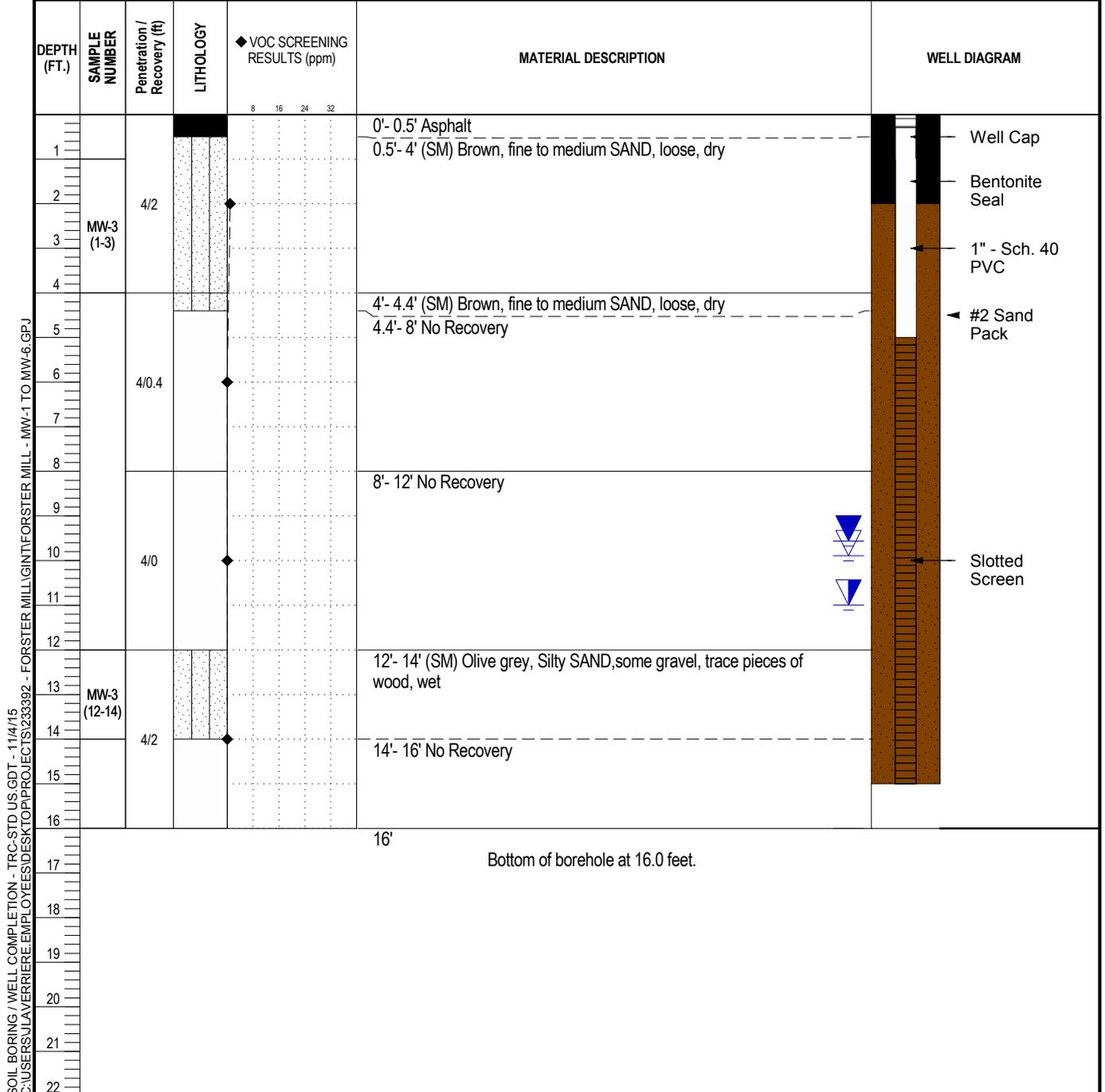
PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>20</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/28/15</b>	Date Completed: <b>9/29/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing) <b>0 ft.</b>		
Checked By: <b>Joe Laverriere</b>			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling
Driller(s): <b>Jace</b>	DATE	<b>9/28/2015</b>	<b>10/7/2015</b>
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>15</b>	<b>13</b>
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>
			Sampling
			<b>9/28/2015</b>
			<b>14.5</b>
			<b>Ground Surface</b>
			<b>N/A</b>


 SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 11/4/15  
 C:\USERS\JLAVERRIERE\EMPLOYEE\DESKTOP\PROJECTS\233392 - FORSTER MILL\GINT\FORSTER MILL - MW-1 TO MW-6.GPJ

PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>20</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/28/15</b>	Date Completed: <b>9/28/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing) <b>0 ft.</b>		
Checked By: <b>Joe Laverriere</b>			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling
Driller(s): <b>Jace</b>	DATE	<b>9/28/2015</b>	<b>10/7/2015</b>
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>15.85</b>	<b>14.3</b>
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>
			Sampling
			<b>9/28/2015</b>

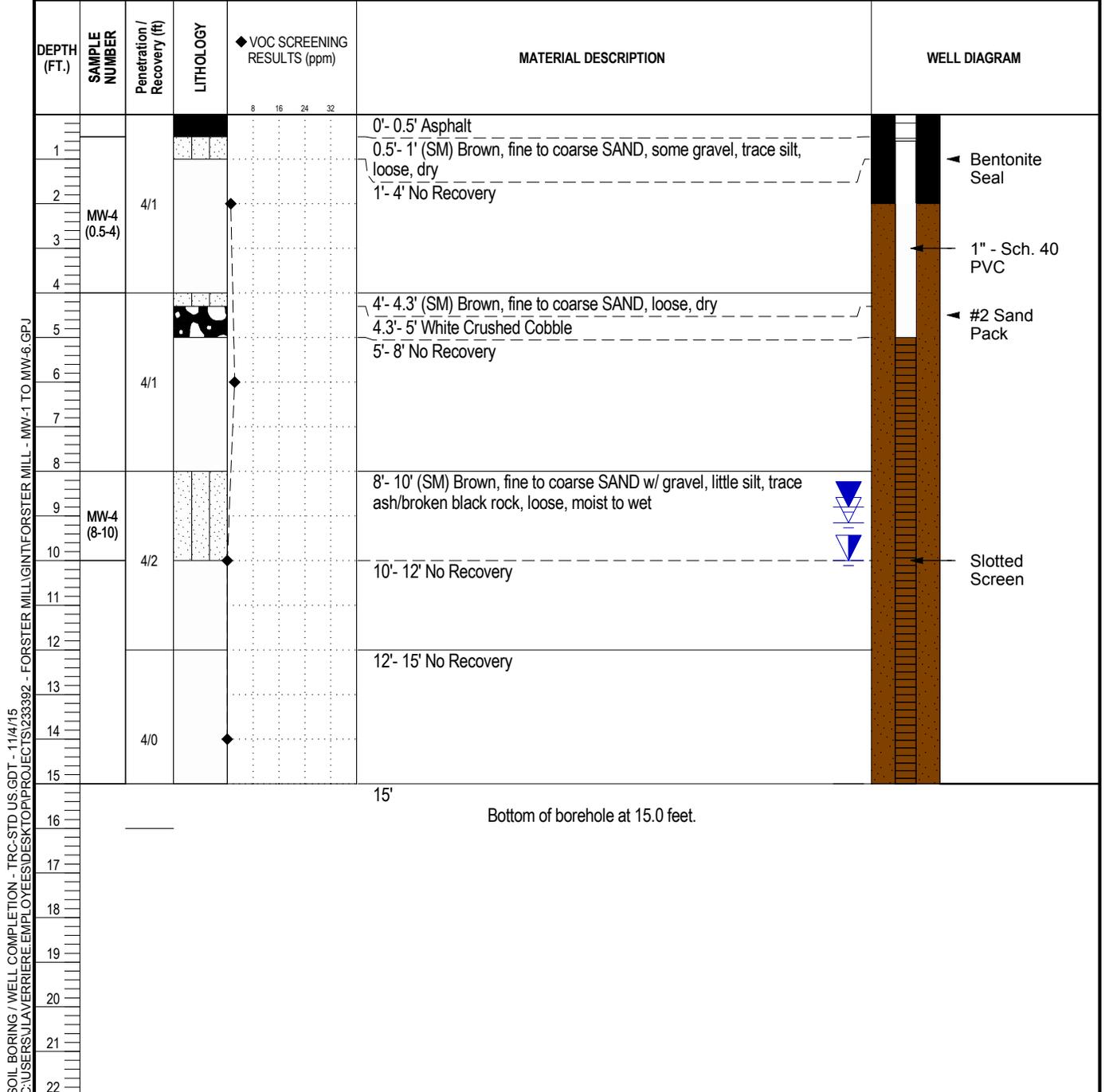


PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>16</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/28/15</b>	Date Completed: <b>9/28/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing) <b>0 ft.</b>		
Checked By: <b>Joe Laverriere</b>			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor: <b>EPI</b>	MEASUREMENT	▼ At Time of Drilling	▼ At End of Drilling
Driller(s): <b>Jace</b>	DATE	<b>9/28/2015</b>	<b>10/7/2015</b>
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>9.89</b>	<b>9.56</b>
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>
		▼ Sampling	<b>9/28/2015</b>

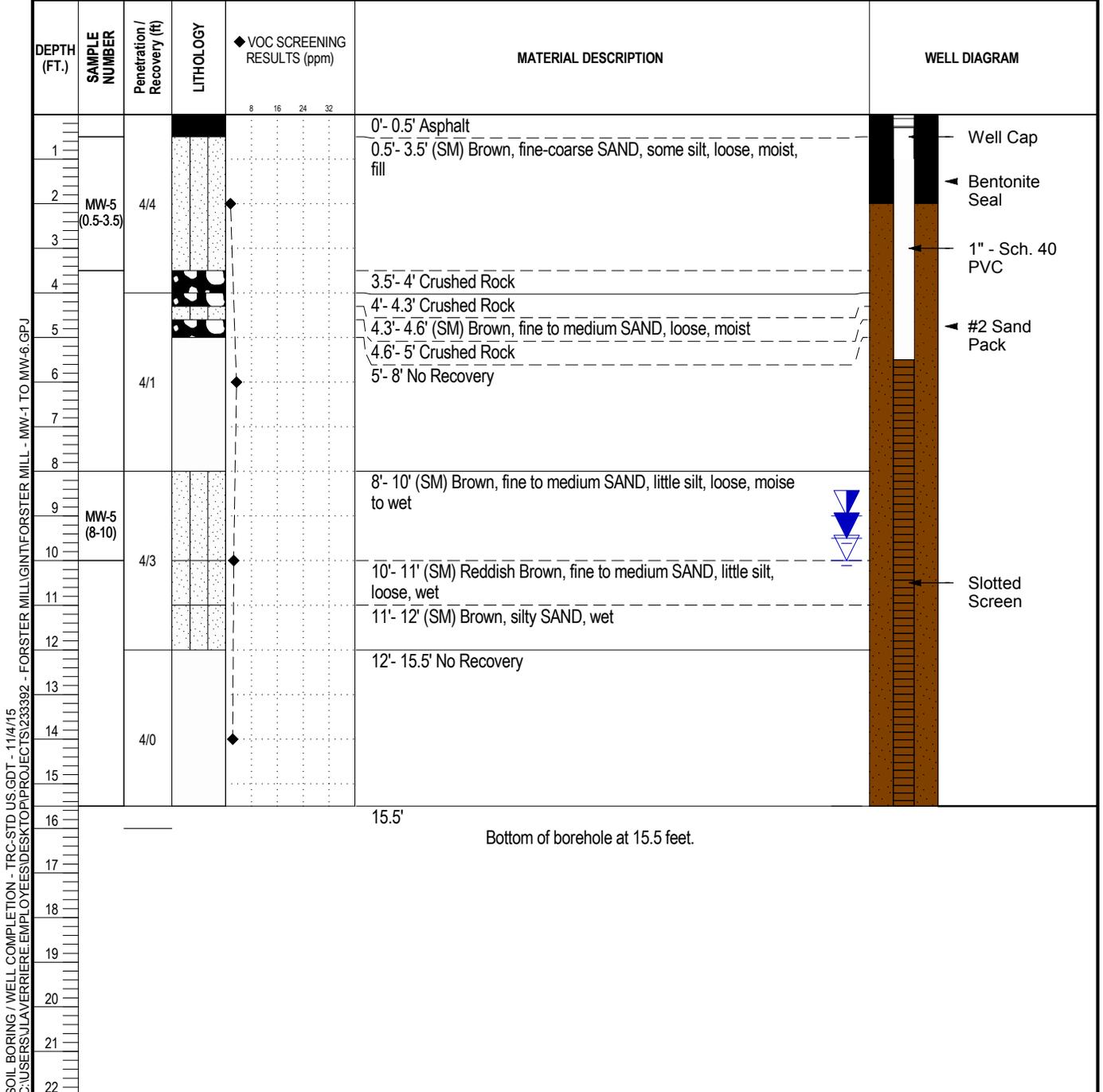




PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>15</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/29/15</b>	Date Completed: <b>9/29/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing) <b>0 ft.</b>		
Checked By: <b>Joe Laverriere</b>			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling
Driller(s): <b>Jace</b>	DATE	<b>9/29/2015</b>	<b>10/7/2015</b>
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>9.15</b>	<b>8.8</b>
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>
			Sampling
			<b>9/29/2015</b>



PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>15.5</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/29/15</b>	Date Completed: <b>9/29/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing) <b>0 ft.</b>		
Checked By: <b>Joe Laverriere</b>			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling
Driller(s): <b>Jace</b>	DATE	<b>9/29/2015</b>	<b>10/7/2015</b>
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>10</b>	<b>9.5</b>
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>
			Sampling
			<b>9/29/2015</b>



SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 11/4/15  
 C:\USERS\JLAVERRIERE\EMPLOYEE\DESKTOP\PROJECTS\233392 - FORSTER MILL\GINT\FORSTER MILL - MW-1 TO MW-6.GPJ



PROJECT INFORMATION		BORING/WELL INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>12</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/29/15</b>	Date Completed: <b>9/29/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing) <b>0 ft.</b>		
Checked By: <b>Joe Laverriere</b>			
DRILLING INFORMATION		GROUND WATER OBSERVATIONS	
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling
Driller(s): <b>Jace</b>	DATE	<b>9/29/2015</b>	<b>10/7/2015</b>
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>6.7</b>	<b>4.65</b>
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>
			Sampling
			<b>9/29/2015</b>
			<b>6</b>
			<b>Ground Surface</b>
			<b>N/A</b>

DEPTH (FT.)	SAMPLE NUMBER	Penetration / Recovery (ft)	LITHOLOGY	VOC SCREENING RESULTS (ppm)	MATERIAL DESCRIPTION	WELL DIAGRAM	
0					0'- 0.5' Asphalt	Well Cap	
1	MW-6 (0.5-4)	4/1.6			0.5'- 1.5' (SM) Brown, fine to medium SAND, some gravel, little silt, loose, moist, fill	Bentonite Seal	
2					1.5'- 4' No Recovery		1" - Sch. 40 PVC
3							
4	MW-6 (4-6)	4/3			4'- 6' (SM) Brown, fine SAND with silt, loose, moist	#2 Sand Pack	
5							
6							
7							
8							
9	4/3.4				8'- 9.5' (SM) Brown, fine to medium SAND, loose, wet	Slotted Screen	
10					9.5'- 10' (SM) Grey, fine SAND w/ silt, dense, wet		
11					10'- 12' (SM) Brown, fine to medium SAND, loose, wet		

12'  
Bottom of borehole at 12.0 feet.

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 11/4/15  
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PROJECT INFORMATION		BORING INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>16</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/28/15</b>	Date Completed: <b>9/28/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing): <b>Not Surveyed</b>		
Checked By: <b>Joe Laverriere</b>			

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling	Sampling	
Driller(s): <b>Jace</b>	DATE	<b>9/28/2015</b>			
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>15</b>			
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>			
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
	SB-7 (0-2)		2.0	1.0		0'- 0.3' Asphalt 0.3'- 0.4' (SM) Dark brown, fine to medium SAND w/ silt (Top Soil) 0.4'- 0.7' (SM) Light brown, silty SAND, little gravel, loose, dry 0.7'- 1' (SM) Dark brown, fine to medium SAND, some silt, some gravel, loose, dry 1'- 4' No Recovery	8 16 24 32
5						4'- 4.3' (SM) Dark brown, fine to medium SAND, some silt, some gravel, loose, dry (sluff) 4.3'- 5.2' (SM) Brown, fine to medium SAND, little silt, some gravel, loose, fill, dry 5.2'- 5.5' White Crushed Cobble 5.5'- 8' No Recovery	
10						8'- 10.6' (SM) Brown, medium to coarse SAND, little silt, some gravel, dense, dry 10.6'- 12' No Recovery	
15	SB-7 (12-14)		2.0	2.8		12'- 14.8' (SM) Brown, medium to coarse SAND, little silt, some gravel, dense, wet 14.8'- 16' No Recovery	

Bottom of borehole at 16.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 1/14/15  
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PROJECT INFORMATION		BORING INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>15.5</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/28/15</b>	Date Completed: <b>9/28/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing): <b>Not Surveyed</b>		
Checked By: <b>Joe Laverriere</b>			

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling	Sampling	
Driller(s): <b>Jace</b>	DATE	<b>9/28/2015</b>	<b>9/28/2015</b>		
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>12</b>	<b>12</b>		
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>		
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						0'- 0.5' Asphalt	
	SB-8 (0-2)		2.0	0.9		0.5'- 0.9' (SM) Brown, SAND, trace silt, trace gravel, loose, dry	
						0.9'- 4' No Recovery	
5						4'- 7' No Recovery	
						7'- 8' (SM) Olive Grey, SILT w/ Clay, little gravel, crushed rock, trace sand, cohesive, moist	
						8'- 10' (SM) Olive Grey, SILT w/ Clay, little gravel, crushed rock, trace sand, cohesive, moist	
10						10'- 11' (SM) Brown, SILT, some sand, trace gravel, loose, moist	
	SB-8 (12-13)		1.0	2.0		11'- 11.5' Crushed Rock	
						11.5'- 12' (SM) Brown, Silty fine SAND, moist	
						12'- 14' (SM) Brown, SILT w/ fine-medium sand, trace gravel, soft, wet	
15						14'- 15.5' No Recovery	

15.5'  
Bottom of borehole at 15.5 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD U.S.GDT - 1/14/15  
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PROJECT INFORMATION		BORING INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>16</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/29/15</b>	Date Completed: <b>9/29/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing): <b>Not Surveyed</b>		
Checked By: <b>Joe Laverriere</b>			

DRILLING INFORMATION		GROUND WATER OBSERVATIONS		
Drilling Contractor: <b>EPI</b>	MEASUREMENT	∇ At Time of Drilling	▼ At End of Drilling	∇ Sampling
Driller(s): <b>Jace</b>	DATE	<b>9/28/2015</b>	<b>9/28/2015</b>	
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>12</b>	<b>12</b>	
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>	
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>	

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm)
						0'- 0.5' Asphalt	
	SB-9 (0.5-4)		3.5	2.0	[Pattern]	0.5'- 2' (SM) Brown, fine to coarse SAND, some gravel, little silt, loose, dry	
						2'- 4' No Recovery	
5	SB-9 (11-12)		1.0	2.5	[Pattern]	4'- 5' (SM) Brown, fine to coarse SAND, some gravel, little silt, loose, dry	
						5'- 8' No Recovery	
						8'- 12' (SM) Brown, fine to coarse SAND, little silt, loose, dry	
						12'- 16' (SM) Yellowish Brown, fine to medium SAND w/ silt, loose, wet	

16'

Bottom of borehole at 16.0 feet.

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 11/4/15  
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PROJECT INFORMATION		BORING INFORMATION	
Project Name: <b>Forster Mill</b>	Boring Depth (ft bgs): <b>8</b>	Hole Diameter (in): <b>2 1/4"</b>	
Project Location: <b>581 Depot Street</b>	Date Started: <b>9/29/15</b>	Date Completed: <b>9/29/15</b>	
Project Number: <b>233392</b>	Coordinate System: <b>N/A</b>	North: <b>Not Surveyed</b>	East: <b>Not Surveyed</b>
Client: <b>MEDEP</b>	Vertical Datum: <b>N/A</b>	Ground Elevation: <b>Not Surveyed</b>	
TRC Eng./Geol: <b>Joel Prellwitz</b>	Well Elevation (Top of Casing): <b>Not Surveyed</b>		
Checked By: <b>Joe Laverriere</b>			

DRILLING INFORMATION		GROUND WATER OBSERVATIONS			
Drilling Contractor: <b>EPI</b>	MEASUREMENT	At Time of Drilling	At End of Drilling	Sampling	
Driller(s): <b>Jace</b>	DATE	<b>9/28/2015</b>	<b>9/28/2015</b>		
Drilling Method: <b>Direct Push</b>	DEPTH (ft.bgs.)	<b>7</b>	<b>7</b>		
Equipment/Model: <b>Geoprobe 6620 DT</b>	REFERENCE	<b>Ground Surface</b>	<b>Ground Surface</b>		
Sampler: <b>Joe Laverriere</b>	STABILIZATION	<b>N/A</b>	<b>N/A</b>		

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						0'- 0.5' Asphalt	
	SB-10 (0.5-4)		3.5	2.0		0.5'- 2' (SM) Brown, fine to medium SAND, some silt, little gravel, loose, dry, fill, some ash and brick	
						2'- 4' No Recovery	
5	SB-10 (4-8)		4.0	1.5		4'- 7' (SM) Brown, fine to medium SAND, some silt, little gravel, loose, dry, fill, some ash and brick	
						7'- 7.5' (SM) Brown, SAND w/ gravel, wet, loose	
						7.5'- 8' (SM) Brown, fine SAND, wet	
8	Bottom of borehole at 8.0 feet.						

Notes:

SOIL BORING WELL COMPLETION WITH NOTES - TRC-STD US.GDT - 11/4/15  
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**APPENDIX C**  
**FIELD FORMS**

Field Form - Low Flow Purging and Sampling  
Ground Water Sampling Measurements and Calculations

Field Book # \_\_\_\_\_

Weather: \_\_\_\_\_

Sheet 1 of 2

WELL NUMBER <b>MW-1</b>		WELL INFORMATION					Date: <b>10-7-15</b>
PERMIT NUMBER	Well Diameter (inches)	(1) Total Depth (ft)	(2) Total Depth (ft)	Depth to Water (ft)	Depth to Product (ft)	PID (ppm)	
	<b>1</b>	<b>~18</b>					
						TRC Personnel: <b>JSP</b>	
						Site Name: <b>Hoffmann-La Roche Forster Mill</b>	
						Site Location: <b>Wilton, ME</b>	
						TRC Job Number: <b>100200-233392</b>	

(1) Well Construction Total Depth.  
(2) Confirmed Total Depth after sampling.  
All measurements are collected from Top Of Casing (TOC).

Please add correct Phase and Task.

PURGING INFORMATION							TRC METER NUMBERS			
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (gal)	pH: <b>7.4, 10</b>	Cond: <b>1.413</b>	DO: <b>BOEP: 240</b>	
<b>Aeri.</b>	<b>1/4"</b>	<b>~17.5</b>	<b>1345</b>	<b>1510</b>	<b>~100</b>	<b>2.25</b>	Eh: _____	Turbidity: <b>10.20</b>	NJDEP Cert. No. 20043	
<b>Geo Pump</b>	<b>poly</b>	(2) Below TOC					Rental Meter Name: <b>VSI 556 mps</b>	<b>100,800</b>		
							Rental Meter Serial No. (Probe)	(Meter)		

*calibration  
stds*

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)												Initials	Water Conditions/Comments	
Time	Criteria: Flow Rate (ml/min)	Depth to Water (ft)	+3% Temp (°C)	+0.1 su pH (su)	+3% Cond (µS/cm)	+10% D.O. (mg/L)	+10 mv ORP (mv)	+10% <sup>(P)</sup> Turbidity (NTU)	N/A Salinity (ppt)	N/A TDS (mg/L)				
1345	-	13.00												
1348	~200-250	14.65	12.75	6.24	939	4.09	117	36.6	-	-				- Started Pumping
1352	~100	14.45	12.35	6.43	952	3.36	106.1	8.97	-	-				- Flow Cell Full
1356	~160	14.55	11.97	6.42	960	2.89	102.8	6.90	-	-				- Not Recording
1400	100	14.55	11.89	6.39	963	2.77	101.8	15.0	-	-				- TDS
1404	100	14.55	12.06	6.34	960	2.61	100.3	4.64	-	-				- SAL
1408	100	14.55	11.96	6.46	969	2.66	93.9	7.34	-	-				- Cloudy 1st Pumping
1412	100	14.55	11.81	6.47	968	2.61	90.3	4.62	-	-				
1416	100	14.55	11.85	6.48	968	2.67	88.4	1.95	-	-				
1420	100	14.55	11.82	6.49	969	2.45	86.3	2.32	-	-				
1424	100	14.55	11.78	6.51	973	2.39	81.5	1.49	-	-				
1428	100	14.55	11.70	6.52	973	2.23	80.5	1.36	-	-				
1432	100	14.55	11.69	6.51	973	2.25	80.3	1.49	-	-				
1445														Equilibrium Met Sampling

Comments: \_\_\_\_\_

Analytical Parameters: **VOC, SVOC, EPH, VPH, RCRA8 Metals (Diss.)**

Weather Conditions: **Clear ~55°F**

Sample Name: **MW-1**

Sample Start Time: **1445**

Sample Finish Time: **1510**

(3) For values greater than 1.  
Analytical Methods (EPA): Temp (SM 2550 B); pH (SM 4500-H B); Cond (120.1 and SM 2510 B); DO (SM 4500-D G); Salinity (SM 2520 B); Turbidity (EPA 180.1)  
Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

12/16/2014 10:23 AM

1.6

*Handwritten signatures and initials*



Field Form - Low Flow Purging and Sampling  
Ground Water Sampling Measurements and Calculations

Field Book #           

Weather:           

Sheet 1 of 1

WELL NUMBER		WELL INFORMATION					Date: 10/7/2019
MW-3	Well Diameter (inches)	(1) Total Depth (ft)	(2) Total Depth (ft)	Depth to Water (ft)	Depth to Product (ft)	PID (ppm)	TRC Personnel: Joe Laverrier
PERMIT NUMBER	1"	14.7		9.56	—	—	Site Name: Hoffmann-Le Roche Forster Mill
—							Site Location: Wilton, ME
							TRC Job Number: 198233-

(1) Well Construction Total Depth.  
(2) Confirmed Total Depth after sampling.  
All measurements are collected from Top Of Casing (TOC).

Please add correct Phase and Task.

PURGING INFORMATION							TRC METER NUMBERS			
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (gal)	pH:	Cond:	DO:	
Arista	1/2" Teklon Lin	13'	1140	1215	200	1.5	Eh:	Turbidity:	NJDEP Cert. No. 20043	
							Rental Meter Name:			
							Rental Meter Serial No.: (Probe)	(Meter)		

(2) Below TOC

ms/cm

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)												
Criteria:	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	+3% pH (su)	+3% Cond (µmhos/cm)	+10% D.O. (mg/L)	+10 mv ORP (mv)	+10% <sup>(D)</sup> Turbidity (NTU)	N/A Salinity (ppt)	N/A TDS (mg/L)	Initials	Water Conditions/Comments
1140	—	9.56	—	—	—	—	—	—	—	—	JL	
1145	200	9.70	14.98	6.29	0.777	2.57	46.6	3.85	—	—	JL	Clear, no odor
1150	200	9.68	14.87	6.28	0.772	2.03	33.8	3.01	—	—	JL	
1155	200	9.70	14.84	6.31	0.783	1.84	26.4	2.98	—	—	JL	
1200	200	9.70	14.88	6.31	0.786	1.95	28.8	2.74	—	—	JL	
1205	200	9.70	14.78	6.31	0.790	1.89	28.5	2.65	—	—	JL	
1210	200	9.70	14.72	6.30	0.790	1.93	29.2	2.43	—	—	JL	

Comments: ~~DUP-6~~ **DUP-5**

Analytical Parameters: **SVOC, RCRA 8 Metals, VOC, VPH, EPH**

Weather Conditions: **Sunny**

Sample Name: **MW-3 DUP-6**

Sample Start Time: **1215**

Sample Finish Time: **1115**

(3) For values greater than 1.  
Analytical Methods (EPA): Temp (SM 2550 B); pH (SM 4500-H B); Cond (120.1 and SM 2510 B); DO (SM 4500-D G); Salinity (SM 2520 B); Turbidity (EPA 180.1)  
Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

Field Form - Low Flow Purging and Sampling  
Ground Water Sampling Measurements and Calculations

Field Book # \_\_\_\_\_

Weather: \_\_\_\_\_

Sheet \_\_\_ of \_\_\_

<b>WELL NUMBER</b> MW-4	<b>WELL INFORMATION</b>					Date: 10-7-15
<b>PERMIT NUMBER</b>	Well Diameter (Inches)	(1) Total Depth (ft)	(2) Total Depth (ft)	Depth to Water (ft)	Depth to Product (ft)	TRC Personnel: JSP
	1	14.65				Site Name: Hoffmann's Roach for Foster Mill
						Site Location: Wilton, ME
						TRC Job Number: 233392

(1) Well Construction Total Depth.  
(2) Confirmed Total Depth after sampling.  
All measurements are collected from Top Of Casing (TOC).

Please add correct Phase and Task.

<b>PURGING INFORMATION</b>							<b>TRC METER NUMBERS</b>			
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (gal)	pH: 7.4, 10	Cond: 1913	ORP: 240-ORP	
Peri	4"	~14	1145	1150	250	~2.5	Eh: _____	Turbidity: 10.20	NJDEP Cert. No. 20043	
GeoPump (2) Below TOC							Rental Meter Name: YSI 556 MPS	100 800 (Meter)		
							Rental Meter Serial No. (Probe)			

GeoPump

Time	Criteria: Flow Rate (ml/min)	Depth to Water (ft)	PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)										Water Conditions/Comments			
			+3% Temp (°C)	+0.1 su pH (su)	+3% Cond (µS/cm)	+10% D.O. (mg/L)	+10 mv ORP (mv)	+10% Turbidity (NTU)	N/A Salinity (ppt)	N/A TDS (mg/L)	Initials					
1145	—	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1148	250-300	8.8	16.43	6.22	70	2.89	177.6	4.41	—	—	—	—	—	—	—	Started Pumping
1152	↓	8.8	16.52	6.28	70	2.17	179.1	4.07	—	—	—	—	—	—	—	- Sal & TDS not recorded
1156	↓	8.8	16.57	6.12	71	2.09	182.5	2.77	—	—	—	—	—	—	—	clear, No odor
1200	↓	8.8	16.58	6.11	70	1.81	181.8	2.17	—	—	—	—	—	—	—	
1204	↓	8.8	16.6	6.09	70	1.51	180.8	2.53	—	—	—	—	—	—	—	
1208	↓	8.8	16.6	6.06	70	1.61	181.0	2.42	—	—	—	—	—	—	—	
1212	↓	8.8	16.6	6.05	70	1.59	180.5	1.70	—	—	—	—	—	—	—	
1216	↓	8.8	16.6	6.03	71	1.61	180.3	1.63	—	—	—	—	—	—	—	
1220	↓	8.8	16.62	6.02	70	1.61	180.4	1.60	—	—	—	—	—	—	—	Equilibrium Met
1225	↓	8.8	—	—	—	—	—	—	—	—	—	—	—	—	—	→ Sampling

Comments: No Drawdown

Analytical Parameters: VOC, SVOC, RCRA8 Metal (Diss.), EPH, VPH

Weather Conditions: Sunny 60°F

Sample Name: MW-4

Sample Start Time: 1225

Sample Finish Time: 1250

(3) For values greater than 1.  
Analytical Methods (EPA): Temo (SM 2550 B); pH (SM 4500-H B); Cond (120.1 and SM 2510 B); DO (SM 4500-O G); Salinity (SM 2520 B); Turbidity (EPA 180.1)  
Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

Field Form - Low Flow Purging and Sampling  
Ground Water Sampling Measurements and Calculations

Field Book # \_\_\_\_\_

Weather: \_\_\_\_\_

Sheet 1 of 1

WELL NUMBER <b>MW-5</b>		WELL INFORMATION					Date: <b>10-7-15</b>
Well Diameter (inches)	(1) Total Depth (ft)	(2) Total Depth (ft)	Depth to Water (ft)	Depth to Product (ft)	PID (ppm)	TRC Personnel: <b>JSP</b>	
PERMIT NUMBER	<b>1</b>	<b>14.12</b>				Site Name: <b>Moham La Roche, Wilton, ME</b>	
						Site Location: _____	
						TRC Job Number: <b>100233 233392</b>	

Riser ~0.5' above ground

(1) Well Construction Total Depth.  
(2) Confirmed Total Depth after sampling.  
All measurements are collected from Top Of Casing (TOC).

Please add correct Phase and Task.

Cal. Std.

PURGING INFORMATION							TRC METER NUMBERS				
Pump Type	Tubing Type	Pump (2) Intake Depth (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (gal)	pH: <b>7.410</b>	Cond: <b>1.413</b>	100-ORP: <b>240</b>	Turbidity: <b>10.20</b>	NJDEP Cert. No. 20043
<b>Peri</b>	<b>Poly 1/2"</b>	<b>~135</b>	<b>0945</b>	<b>1050</b>	<b>200</b>	<b>~1.85</b>	Rental Meter Name: <b>YSI 556MPS</b>	<b>100,800</b>			
							Rental Meter Serial No.: (Probe)	(Meter)			

9.5  
14.12

Geopump (2) Below TOC **7000 ml**

Time	Criteria: Flow Rate (ml/min)	(BGS) Depth to Water (ft)	PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes)								Initials	Water Conditions/Comments	
			+3% Temp (°C)	+0.1 su pH (su)	+3% Cond (µS/cm)	+10% D.O. (mg/L)	+10 mv ORP (mv)	+10% <sup>(1)</sup> Turbidity (NTU)	N/A Salinity (opt)	N/A TDS (mg/L)			
0945	-	9.5											
0950	~2200	9.5	14.2	7.2	75	3.43	171.9	13.1	-	-			Start Pumping
0955		9.5	14.75	6.76	74	2.67	165.3	7.25	-	-			Not Recording Sal or TDS
1000		9.5	14.93	6.45	74	2.41	169.8	3.71	-	-			- Clear, No odor
1004		9.5	15.01	6.24	73	2.20	171.0	2.26	-	-			
1008		9.5	15.05	6.11	73	2.35	172.8	1.43	-	-			
1012		9.5	14.98	6.08	74	2.34	172.2	1.83	-	-			
1016		9.5	15.05	6.04	74	2.29	172.0	1.53	-	-			. Stable
1020	↓												- Sampling

Comments: **No Drawdown**

Analytical Parameters: **VOC, SVOC, EPH, VPH, RCRA 8 Metals (Dissolved)**

Weather Conditions: **Sunny ~55°F**

Sample Name: **MW-5**

Sample Start Time: **1020**

Sample Finish Time: **1050**

(3) For values greater than 1.  
Analytical Methods (EPA): Temp (SM 2550 B); pH (SM 4500-H B); Cond (120.1 and SM 2510 B); DO (SM 4500-O G); Salinity (SM 2520 B); Turbidity (EPA 180.1)  
Note: Indicator parameters have stabilized when 3 consecutive readings are within criteria above.

*Handwritten signature and date*



**APPENDIX D**

**LABORATORY DATA PACKAGES**

November 16, 2015

Charles Springer  
TRC Environmental Corporation - ME  
6 Ashley Drive  
Scarborough, ME 04074

Project Location: Foster Mills, Wilton, ME  
Client Job Number:  
Project Number: 233392  
Laboratory Work Order Number: 1511129

Enclosed are results of analyses for samples received by the laboratory on September 25, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Meghan E. Kelley  
Project Manager

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 11/16/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511129

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Foster Mills, Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Sed-1	1511129-01	Soil		MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
Sed-2	1511129-02	Soil		SW-846 8270D	
				MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
Sed-3	1511129-03	Soil		SW-846 8260C	
				SW-846 8270D	
				MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
Sed-4	1511129-04	Soil		SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
DUP-4	1511129-05	Soil		SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	

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TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
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REPORT DATE: 11/16/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511129

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Foster Mills, Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
S-1	1511129-06	Soil		MADEP-EPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B	
S-2	1511129-07	Soil		MADEP-EPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B	
S-3	1511129-08	Soil		MADEP-EPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B	
S-4	1511129-09	Soil		SM 2540G SW-846 6010C SW-846 7471B SW-846 8270D	
Waste-5	1511129-14	Oil		EPA 600/4-81-045 SW-846 1010A SW-846 6010C SW-846 9023	MA M-MA-086/CT PH-0574/NY11148  MA M-MA071/CT PH-0520
PCB-2	1511129-15	Wipe		SW-846 8082A	
PCB-3	1511129-16	Wipe		SW-846 8082A	
PCB-4	1511129-17	Wipe		SW-846 8082A	
PCB-5	1511129-18	Wipe		SW-846 8082A	
PCB-6	1511129-19	Wipe		SW-846 8082A	
PCB-7	1511129-20	Wipe		SW-846 8082A	
PCB-8	1511129-21	Wipe		SW-846 8082A	
PCB-9	1511129-22	Wipe		SW-846 8082A	
PCB-10	1511129-23	Wipe		SW-846 8082A	
DUP-3	1511129-24	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 11/16/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511129

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Foster Mills, Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Drain-1	1511129-25	Soil		MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
Drain-2	1511129-26	Soil		SW-846 8270D	
				MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8082A	
Drain-3	1511129-27	Soil		SW-846 8260C	
				SW-846 8270D	
				MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
DUP-2	1511129-28	Soil		SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				MADEP-EPH-04-1.1	
				MADEP-VPH-04-1.1	
				SM 2540G	
				SW-846 6010C	
SW-846 7471B					
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

#### CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 11/16/2015 - Initial weight entered for Hg lab duplicate and method blank reporting limit updated to reflect high level analysis. Re-analysis for As, Cd and Pb for sample -14 reported and narrative notes revised.

REVISED REPORT - 10/29/2015 - Total Halogen result revised for sample 1511129-14.

For method MA VPH, only adjusted hydrocarbon ranges were requested and reported.

For method 8260, sample internal standard outside method required 50-200% of internal standard in CCV. Reanalysis produced similar results. Interference from matrix is suspected, per method both sets of data are reported.

Sample 1511129-26 Internal Standard Recovery(1,4-Dichlorobenzene-d4) 29.9%

Sample 151129-26RE1 Internal Standard Recovery(1,4-Dichlorobenzene-d4) 30.2%

Sample 151129-28 Internal Standard Recovery(1,4-Dichlorobenzene-d4) 32.0%

Sample 151129-28RE1 Internal Standard Recovery(1,4-Dichlorobenzene-d4)35 %

The following compounds are affected; n-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, 1,2-Dibromo-3-chloropropane,1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Hexachlorobutadiene, p-Isopropyltoluene, Naphthalene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene and 1,3,5-Trichlorobenzene.

For MA EPH, only carbon fractions were requested and reported.

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**MADEP-EPH-04-1.1****Qualifications:****L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****C9-C18 Aliphatics**

1511129-02[Sed-2], 1511129-03[Sed-3], 1511129-04[Sed-4], 1511129-05[DUP-4], 1511129-06[S-1], 1511129-07[S-2], 1511129-08[S-3], 1511129-24[DUP-3], 1511129-25[Drain-1], 1511129-27[Drain-3], B131707-BLK1

**n-Decane**

B131707-BLK1, B131707-BS1, B131707-BSD1

**n-Nonane**

B131707-BLK1, B131707-BS1, B131707-BSD1

**S-01**

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

**Analyte & Samples(s) Qualified:****Chlorooctadecane (COD)**

1511129-26[Drain-2], 1511129-28[DUP-2]

**o-Terphenyl (OTP)**

1511129-26[Drain-2], 1511129-28[DUP-2]

**MADEP-VPH-04-1.1****Qualifications:****O-01**

Soil/methanol ratio does not meet method specifications. Excess amount of soil. Sample was completely covered with methanol, but with less than the method-specified amount.

**Analyte & Samples(s) Qualified:**

1511129-03[Sed-3], 1511129-04[Sed-4], 1511129-05[DUP-4], 1511129-28[DUP-2]

**O-02**

Soil/methanol ratio does not meet method specifications. Insufficient amount of soil. Data validation is not affected since a sufficient amount of preservative is present. Detection limits may be above useful levels.

**Analyte & Samples(s) Qualified:**

1511129-25[Drain-1], 1511129-27[Drain-3]

**S-17**

Surrogate recovery is outside of control limits. Data validation is not affected since all associated results are less than the reporting limit and bias is on the high side.

**Analyte & Samples(s) Qualified:****2,5-Dibromotoluene (FID)**

1511129-01[Sed-1], 1511129-02[Sed-2]

**SW-846 6010C****Qualifications:****L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****Arsenic**

1511129-14[Waste-5], B132239-BLK1, B132239-BS1, B132239-BSD1

**Cadmium**

1511129-14[Waste-5], B132239-BLK1, B132239-BS1, B132239-BSD1

**Lead**

1511129-14[Waste-5], B132239-BLK1, B132239-BS1, B132239-BSD1

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****Lead**

B131842-BS1

**MS-07A**

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

**Analyte & Samples(s) Qualified:****Barium**

15I1129-26[Drain-2], B131775-MS1, B131775-MSD1

**MS-19**

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

**Analyte & Samples(s) Qualified:****Barium**

15I1129-09[S-4], B131842-MS1, B131842-MSD1

**Lead**

15I1129-09[S-4], 15I1129-26[Drain-2], B131775-MS1, B131775-MSD1, B131842-MS1, B131842-MSD1

**MS-22**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

**Analyte & Samples(s) Qualified:****Barium**

15I1129-03[Sed-3], B131717-MSD1

**Chromium**

15I1129-26[Drain-2], B131775-MS1

**Lead**

15I1129-03[Sed-3], B131717-MSD1

**Selenium**

15I1129-09[S-4], B131842-MS1

**R-02**

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

**Analyte & Samples(s) Qualified:****Chromium**

15I1129-09[S-4], B131842-DUP1

**R-04**

Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).

**Analyte & Samples(s) Qualified:****Silver**

15I1129-09[S-4], B131842-DUP1

SW-846 7471B

**Qualifications:****MS-07**

Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.

**Analyte & Samples(s) Qualified:****Mercury**

15I1129-09[S-4], 15I1129-26[Drain-2], B131777-MS1, B131777-MSD1, B131839-MS1

**MS-11**

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

**Analyte & Samples(s) Qualified:****Mercury**

15I1129-09[S-4], B131839-MSD1

SW-846 8082A

**Qualifications:**

**O-04**

Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.

**Analyte & Samples(s) Qualified:****Aroclor-1260**

15I1129-27[Drain-3]

**Aroclor-1260 [2C]**

15I1129-27[Drain-3]

SW-846 8260C

**Qualifications:****L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

**Analyte & Samples(s) Qualified:****Chloroethane**

B131698-BS1, B131698-BSD1

**L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****Chloromethane**

15I1129-26RE1[Drain-2], 15I1129-28RE1[DUP-2], B131918-BLK1, B131918-BS1, B131918-BSD1

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****Bromochloromethane**

B131854-BSD1

**n-Propylbenzene**

B131854-BSD1

**sec-Butylbenzene**

B131854-BSD1

**tert-Butyl Alcohol (TBA)**

B131698-BS1

**L-07A**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:****Bromomethane**

B131698-BS1

**R-05**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:****Bromomethane**

15I1129-25[Drain-1], B131698-BLK1, B131698-BSD1

**V-05**

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****Chloroethane**

15I1129-26RE1[Drain-2], 15I1129-28RE1[DUP-2], B131918-BLK1, B131918-BS1, B131918-BSD1

**Dichlorodifluoromethane (Freon 12)**

15I1129-25[Drain-1], B131698-BLK1, B131698-BS1, B131698-BSD1

## V-17

Internal standard area <50% of associated calibration standard internal standard area.

**Analyte & Samples(s) Qualified:****1,2,3-Trichlorobenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,2,4-Trichlorobenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,2,4-Trimethylbenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,2-Dibromo-3-chloropropane (DBP)**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,2-Dichlorobenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,3,5-Trichlorobenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,3-Dichlorobenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,4-Dichlorobenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**1,4-Dichlorobenzene-d4**

15I1129-26RE1[Drain-2], 15I1129-28RE1[DUP-2]

**Hexachlorobutadiene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**Naphthalene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**n-Butylbenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**p-Isopropyltoluene (p-Cymene)**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**sec-Butylbenzene**

15I1129-26[Drain-2], 15I1129-26RE1[Drain-2], 15I1129-28[DUP-2], 15I1129-28RE1[DUP-2]

**tert-Butylbenzene**

15I1129-26[Drain-2], 15I1129-28[DUP-2]

## V-20

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:****1,4-Dioxane**

B131698-BS1, B131698-BSD1

**2-Butanone (MEK)**

B131698-BS1, B131698-BSD1

**4-Methyl-2-pentanone (MIBK)**

B131698-BS1, B131698-BSD1

**Acetone**

B131854-BS1, B131854-BSD1

**Chloroethane**

B131698-BS1, B131698-BSD1

**Methylene Chloride**

B131698-BS1, B131698-BSD1

**tert-Butyl Alcohol (TBA)**

B131698-BS1, B131698-BSD1

SW-846 8270D

**Qualifications:**

E

Reported result is estimated. Value reported over verified calibration range.

**Analyte & Samples(s) Qualified:****Benzo(a)anthracene**

B131689-MSD1

**Benzo(b)fluoranthene**

B131689-MSD1

**Fluoranthene**

B131689-MS1, B131689-MSD1, B131689-MSD2

**Phenanthrene**

B131689-MS1, B131689-MSD1

**Pyrene**

B131689-MS1, B131689-MSD1

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****Hexachlorocyclopentadiene**

1511129-01[Sed-1], 1511129-02[Sed-2], 1511129-03[Sed-3], 1511129-04[Sed-4], 1511129-05[DUP-4], 1511129-09[S-4], 1511129-24[DUP-3], 1511129-25[Drain-1], 1511129-26[Drain-2], 1511129-27[Drain-3], 1511129-28[DUP-2], B131689-BLK1, B131689-BS1, B131689-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****N-Nitrosodimethylamine**

B131689-BS1

**MS-09**

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

**Analyte & Samples(s) Qualified:****Aniline**

15I1129-03[Sed-3], 15I1129-09[S-4], B131689-MS1, B131689-MS2, B131689-MSD1, B131689-MSD2

**Anthracene**

15I1129-03[Sed-3], B131689-MS1, B131689-MSD1

**Benzidine**

15I1129-03[Sed-3], 15I1129-09[S-4], B131689-MS1, B131689-MS2, B131689-MSD1, B131689-MSD2

**Benzo(a)anthracene**

15I1129-03RE1[Sed-3], B131689-MS1, B131689-MSD1

**Benzo(a)pyrene**

15I1129-03RE1[Sed-3], B131689-MS1, B131689-MSD1

**Benzo(b)fluoranthene**

15I1129-03RE1[Sed-3], B131689-MS1, B131689-MSD1

**Benzo(g,h,i)perylene**

15I1129-03[Sed-3], B131689-MS1, B131689-MSD1

**Benzo(k)fluoranthene**

15I1129-03[Sed-3], B131689-MS1, B131689-MSD1

**Benzoic Acid**

15I1129-03[Sed-3], B131689-MS2, B131689-MSD2

**Bis(2-Ethylhexyl)phthalate**

15I1129-26[Drain-2], B131689-MS3, B131689-MSD3

**Chrysene**

15I1129-03RE1[Sed-3], B131689-MS1, B131689-MSD1

**Dibenz(a,h)anthracene**

15I1129-03[Sed-3], B131689-MS1, B131689-MSD1

**Fluoranthene**

15I1129-03RE1[Sed-3], B131689-MS1, B131689-MSD1

**Fluorene**

15I1129-03[Sed-3], B131689-MS1, B131689-MSD1

**Hexachlorocyclopentadiene**

15I1129-09[S-4], B131689-MS2, B131689-MSD2

**Indeno(1,2,3-cd)pyrene**

15I1129-03[Sed-3], B131689-MS1, B131689-MSD1

**Phenanthrene**

15I1129-03RE1[Sed-3], B131689-MS1, B131689-MSD1

**Pyrene**

15I1129-03RE1[Sed-3], B131689-MS1, B131689-MSD1

**Pyridine**

15I1129-09[S-4], B131689-MS2, B131689-MSD2

**MS-19**

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

**Analyte & Samples(s) Qualified:**

**1,2,4,5-Tetrachlorobenzene**

B131689-MS3

**1,2,4-Trichlorobenzene**

B131689-MS3

**1,2-Dichlorobenzene**

B131689-MS3, B131689-MSD3

**1,2-Diphenylhydrazine (as Azobenz**

B131689-MS3, B131689-MSD3

**1,3-Dichlorobenzene**

B131689-MS3, B131689-MSD3

**1,4-Dichlorobenzene**

B131689-MS3, B131689-MSD3

**1-Methylnaphthalene**

B131689-MS3, B131689-MSD3

**2,4,5-Trichlorophenol**

B131689-MS3, B131689-MSD3

**2,4-Dichlorophenol**

B131689-MS3

**2,4-Dimethylphenol**

B131689-MS3

**2,4-Dinitrophenol**

B131689-MS3, B131689-MSD3

**2,4-Dinitrotoluene**

B131689-MS3

**2,6-Dinitrotoluene**

B131689-MS3

**2-Chloronaphthalene**

B131689-MS3, B131689-MSD3

**2-Chlorophenol**

B131689-MS3

**2-Methylphenol**

B131689-MS3, B131689-MSD3

**2-Nitroaniline**

B131689-MS3

**2-Nitrophenol**

B131689-MS3, B131689-MSD3

**3,3-Dichlorobenzidine**

B131689-MS3, B131689-MSD3

**3/4-Methylphenol**

B131689-MS3, B131689-MSD3

**3-Nitroaniline**

B131689-MS3, B131689-MSD3

**4,6-Dinitro-2-methylphenol**

B131689-MS3, B131689-MSD3

**4-Chloro-3-methylphenol**

B131689-MS3, B131689-MSD3

**4-Chloroaniline**

B131689-MS3, B131689-MSD3

**4-Nitroaniline**

B131689-MS3

**4-Nitrophenol**

B131689-MS3, B131689-MSD3

**Acenaphthylene**

B131689-MS3

**Acetophenone**

B131689-MS3

**Aniline**

B131689-MS3, B131689-MSD3

**MS-19**

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

**Analyte & Samples(s) Qualified:**

**Benzidine**

B131689-MS3, B131689-MSD3

**Benzo(g,h,i)perylene**

B131689-MS3

**Benzoic Acid**

B131689-MS3, B131689-MSD3

**Bis(2-chloroethoxy)methane**

B131689-MS3

**Bis(2-chloroethyl)ether**

B131689-MS3

**Bis(2-chloroisopropyl)ether**

B131689-MS3, B131689-MSD3

**Butylbenzylphthalate**

B131689-MS3, B131689-MSD3

**Carbazole**

B131689-MS3

**Chrysene**

B131689-MS3, B131689-MSD3

**Dibenz(a,h)anthracene**

B131689-MS3, B131689-MSD3

**Dimethylphthalate**

B131689-MS3

**Di-n-octylphthalate**

B131689-MS3, B131689-MSD3

**Hexachlorobutadiene**

B131689-MS3

**Hexachlorocyclopentadiene**

B131689-MS3, B131689-MSD3

**Hexachloroethane**

B131689-MS3, B131689-MSD3

**Indeno(1,2,3-cd)pyrene**

B131689-MS3, B131689-MSD3

**Isophorone**

B131689-MS3

**Naphthalene**

B131689-MS3, B131689-MSD3

**Nitrobenzene**

B131689-MS3, B131689-MSD3

**N-Nitrosodimethylamine**

B131689-MS3, B131689-MSD3

**N-Nitrosodi-n-propylamine**

B131689-MS3, B131689-MSD3

**Pentachloronitrobenzene**

B131689-MS3, B131689-MSD3

**Pentachlorophenol**

B131689-MS3, B131689-MSD3

**Phenanthrene**

B131689-MS3, B131689-MSD3

**Pyridine**

B131689-MS3, B131689-MSD3

**MS-22**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

**Analyte & Samples(s) Qualified:****Acenaphthene**

B131689-MS1

**Fluoranthene**

B131689-MSD2

**N-Nitrosodimethylamine**

B131689-MSD2

**MS-23**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:****Phenanthrene**

B131689-MSD2

**RL-12**

Elevated reporting limit due to matrix interference.

**Analyte & Samples(s) Qualified:**

1511129-26[Drain-2], 1511129-28[DUP-2]

**V-04**

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

**Analyte & Samples(s) Qualified:****Benzidine**

1511129-01[Sed-1], 1511129-02[Sed-2], 1511129-03[Sed-3], 1511129-04[Sed-4], 1511129-05[DUP-4], 1511129-09[S-4], 1511129-24[DUP-3], 1511129-25[Drain-1], 1511129-26[Drain-2], 1511129-27[Drain-3], 1511129-28[DUP-2], B131689-BLK1, B131689-BS1, B131689-BSD1, B131689-MS1, B131689-MS2, B131689-MS3, B131689-MSD1, B131689-MSD2, B131689-MSD3

**V-05**

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****Benzidine**

1511129-01[Sed-1], 1511129-02[Sed-2], 1511129-03[Sed-3], 1511129-04[Sed-4], 1511129-05[DUP-4], 1511129-09[S-4], 1511129-24[DUP-3], 1511129-25[Drain-1], 1511129-26[Drain-2], 1511129-27[Drain-3], 1511129-28[DUP-2], B131689-BLK1, B131689-BS1, B131689-BSD1, B131689-MS1, B131689-MS2, B131689-MS3, B131689-MSD1, B131689-MSD2, B131689-MSD3

**V-06**

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

**Analyte & Samples(s) Qualified:****Di-n-octylphthalate**

B131689-BS1, B131689-BSD1, B131689-MS1, B131689-MS2, B131689-MS3, B131689-MSD1, B131689-MSD2, B131689-MSD3

**V-16**

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

**Analyte & Samples(s) Qualified:****Pentachloronitrobenzene**

1511129-01[Sed-1], 1511129-02[Sed-2], 1511129-03[Sed-3], 1511129-04[Sed-4], 1511129-05[DUP-4], 1511129-09[S-4], 1511129-24[DUP-3], 1511129-25[Drain-1], 1511129-26[Drain-2], 1511129-27[Drain-3], 1511129-28[DUP-2], B131689-BLK1, B131689-BS1, B131689-BSD1, B131689-MS1, B131689-MS2, B131689-MS3, B131689-MSD1, B131689-MSD2, B131689-MSD3

**V-20**

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:****Di-n-octylphthalate**

1511129-01[Sed-1], 1511129-02[Sed-2], 1511129-03[Sed-3], 1511129-04[Sed-4], 1511129-05[DUP-4], 1511129-09[S-4], 1511129-24[DUP-3], 1511129-25[Drain-1], 1511129-26[Drain-2], 1511129-27[Drain-3], 1511129-28[DUP-2], B131689-BLK1

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**MADEP-EPH-04-1.1**

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C 11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

**MADEP-VPH-04-1.1**

No significant modifications were made to the method. All VPH samples were received preserved properly in methanol with a soil/methanol ratio of 1:1 +/- 25% completely covered by methanol in the proper containers specified on the chain-of-custody form unless specified in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Daren J. Damboragian", is written over a light gray rectangular background.

Daren J. Damboragian  
Laboratory Manager

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:50

Field Sample #: Sed-1

Sample ID: 151129-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Acrylonitrile	ND	0.0056	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Bromomethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
n-Butylbenzene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Carbon Disulfide	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Chlorodibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Chloromethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2-Dibromoethane (EDB)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,3-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
cis-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
trans-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-1

Sampled: 9/24/2015 14:50

Sample ID: 151129-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,4-Dioxane	ND	0.094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Tetrahydrofuran	ND	0.0094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
Vinyl Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:27	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	110	70-130	9/30/15 8:27
Toluene-d8	97.0	70-130	9/30/15 8:27
4-Bromofluorobenzene	93.0	70-130	9/30/15 8:27

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-1

Sampled: 9/24/2015 14:50

Sample ID: 151129-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Acenaphthylene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Acetophenone	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Aniline	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Anthracene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Benzidine	ND	0.87	mg/Kg dry	1	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Benzo(a)anthracene	1.0	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Benzo(a)pyrene	1.0	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Benzo(b)fluoranthene	1.3	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Benzo(g,h,i)perylene	0.69	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Benzo(k)fluoranthene	0.46	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Bis(2-chloroethoxy)methane	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Bis(2-chloroethyl)ether	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Bis(2-chloroisopropyl)ether	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
4-Bromophenylphenylether	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Butylbenzylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Carbazole	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
4-Chloroaniline	ND	0.87	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
4-Chloro-3-methylphenol	ND	0.87	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2-Chloronaphthalene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2-Chlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
4-Chlorophenylphenylether	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Chrysene	1.2	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Dibenz(a,h)anthracene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Dibenzofuran	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Di-n-butylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
1,2-Dichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
1,3-Dichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
1,4-Dichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
3,3-Dichlorobenzidine	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2,4-Dichlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Diethylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2,4-Dimethylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Dimethylphthalate	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
4,6-Dinitro-2-methylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2,4-Dinitrophenol	ND	0.87	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2,4-Dinitrotoluene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2,6-Dinitrotoluene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Di-n-octylphthalate	ND	0.45	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 13:08	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Fluoranthene	2.1	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Fluorene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-1

Sampled: 9/24/2015 14:50

Sample ID: 151129-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Hexachlorobutadiene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Hexachlorocyclopentadiene	ND	0.45	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Hexachloroethane	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Indeno(1,2,3-cd)pyrene	0.73	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Isophorone	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
1-Methylnaphthalene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2-Methylnaphthalene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2-Methylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
3/4-Methylphenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Naphthalene	ND	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2-Nitroaniline	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
3-Nitroaniline	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
4-Nitroaniline	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Nitrobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2-Nitrophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
4-Nitrophenol	ND	0.87	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
N-Nitrosodimethylamine	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
N-Nitrosodiphenylamine	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
N-Nitrosodi-n-propylamine	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Pentachloronitrobenzene	ND	0.45	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Pentachlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Phenanthrene	0.98	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Phenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Pyrene	2.0	0.23	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
Pyridine	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
1,2,4-Trichlorobenzene	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2,4,5-Trichlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR
2,4,6-Trichlorophenol	ND	0.45	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:08	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	69.8	30-130	9/30/15 13:08
Phenol-d6	71.0	30-130	9/30/15 13:08
Nitrobenzene-d5	62.1	30-130	9/30/15 13:08
2-Fluorobiphenyl	81.6	30-130	9/30/15 13:08
2,4,6-Tribromophenol	83.9	30-130	9/30/15 13:08
p-Terphenyl-d14	84.6	30-130	9/30/15 13:08

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:50

Field Sample #: Sed-1

Sample ID: 1511129-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1221 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1232 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1242 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1248 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1254 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1260 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1262 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Aroclor-1268 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:25	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		83.7	30-150					10/1/15 14:25	
Decachlorobiphenyl [2]		88.2	30-150					10/1/15 14:25	
Tetrachloro-m-xylene [1]		82.0	30-150					10/1/15 14:25	
Tetrachloro-m-xylene [2]		86.0	30-150					10/1/15 14:25	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:50

Field Sample #: Sed-1

Sample ID: 1511129-01

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	13	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/1/15 18:42	SCS
C19-C36 Aliphatics	26	13	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/1/15 18:42	SCS
C11-C22 Aromatics	49	13	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/1/15 18:42	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	59.1	40-140	
o-Terphenyl (OTP)	71.0	40-140	
2-Bromonaphthalene	82.9	40-140	
2-Fluorobiphenyl	83.5	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: Sed-1

Sampled: 9/24/2015 14:50

Sample ID: 1511129-01

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.72

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	9/25/15	9/29/15 0:52	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	9/25/15	9/29/15 0:52	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	9/25/15	9/29/15 0:52	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	140	*	70-130		S-17		9/29/15	0:52	
2,5-Dibromotoluene (PID)	130		70-130				9/29/15	0:52	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:50

Field Sample #: Sed-1

Sample ID: 1511129-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.5	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:16	MJH
Barium	25	3.5	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:16	MJH
Cadmium	ND	0.35	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:16	MJH
Chromium	14	0.70	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:16	MJH
Lead	16	1.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:16	MJH
Mercury	ND	0.034	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:21	SCB
Selenium	ND	7.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:16	MJH
Silver	ND	0.70	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:16	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:50

Field Sample #: Sed-1

Sample ID: 151129-01

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.7		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:00

Field Sample #: Sed-2

Sample ID: 151129-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Acrylonitrile	ND	0.0058	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Bromomethane	ND	0.0096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
tert-Butyl Alcohol (TBA)	ND	0.038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
n-Butylbenzene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Carbon Disulfide	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Chlorodibromomethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Chloromethane	ND	0.0096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2-Dibromoethane (EDB)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,3-Dichloropropane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
cis-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
trans-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-2

Sampled: 9/24/2015 14:00

Sample ID: 151129-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,4-Dioxane	ND	0.096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Naphthalene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Tetrahydrofuran	ND	0.0096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
Vinyl Chloride	ND	0.0096	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 8:54	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	111	70-130	9/30/15 8:54
Toluene-d8	96.3	70-130	9/30/15 8:54
4-Bromofluorobenzene	93.9	70-130	9/30/15 8:54

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-2

Sampled: 9/24/2015 14:00

Sample ID: 151129-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Acetophenone	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Aniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Benzidine	ND	0.85	mg/Kg dry	1	V-05, V-04	SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Benzo(a)anthracene	0.54	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Benzo(a)pyrene	0.54	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Benzo(b)fluoranthene	0.65	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Benzo(g,h,i)perylene	0.37	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Benzo(k)fluoranthene	0.27	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Bis(2-chloroethoxy)methane	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Bis(2-chloroethyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Bis(2-chloroisopropyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
4-Bromophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Butylbenzylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
4-Chloroaniline	ND	0.85	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
4-Chloro-3-methylphenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2-Chloronaphthalene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2-Chlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
4-Chlorophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Chrysene	0.66	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Dibenzofuran	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Di-n-butylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
1,2-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
1,3-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
1,4-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2,4-Dichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Diethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2,4-Dimethylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Dimethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
4,6-Dinitro-2-methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2,4-Dinitrophenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2,4-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2,6-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Di-n-octylphthalate	ND	0.44	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 13:54	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Fluoranthene	1.2	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-2

Sampled: 9/24/2015 14:00

Sample ID: 151129-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Hexachlorobutadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Hexachlorocyclopentadiene	ND	0.44	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Hexachloroethane	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Indeno(1,2,3-cd)pyrene	0.39	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Isophorone	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
1-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
3/4-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
3-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
4-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Nitrobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2-Nitrophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
4-Nitrophenol	ND	0.85	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
N-Nitrosodimethylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
N-Nitrosodiphenylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
N-Nitrosodi-n-propylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Pentachloronitrobenzene	ND	0.44	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Pentachlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Phenanthrene	0.57	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Phenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Pyrene	1.1	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
Pyridine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
1,2,4-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2,4,5-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR
2,4,6-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 13:54	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	61.7	30-130	9/30/15 13:54
Phenol-d6	62.1	30-130	9/30/15 13:54
Nitrobenzene-d5	56.5	30-130	9/30/15 13:54
2-Fluorobiphenyl	74.7	30-130	9/30/15 13:54
2,4,6-Tribromophenol	79.4	30-130	9/30/15 13:54
p-Terphenyl-d14	78.6	30-130	9/30/15 13:54

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:00

Field Sample #: Sed-2

Sample ID: 1511129-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1221 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1232 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1242 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1248 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1254 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1260 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1262 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Aroclor-1268 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 14:43	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		76.8	30-150					10/1/15 14:43	
Decachlorobiphenyl [2]		83.5	30-150					10/1/15 14:43	
Tetrachloro-m-xylene [1]		76.2	30-150					10/1/15 14:43	
Tetrachloro-m-xylene [2]		79.8	30-150					10/1/15 14:43	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:00

Field Sample #: Sed-2

Sample ID: 1511129-02

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	13	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	9/30/15 15:40	SCS
C19-C36 Aliphatics	ND	13	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 15:40	SCS
C11-C22 Aromatics	35	13	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 15:40	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	59.7	40-140	
o-Terphenyl (OTP)	73.2	40-140	
2-Bromonaphthalene	76.6	40-140	
2-Fluorobiphenyl	76.9	40-140	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:00

Field Sample #: Sed-2

Sample ID: 1511129-02

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.48

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	9/25/15	9/29/15 1:28	EEH
C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	9/25/15	9/29/15 1:28	EEH
C9-C10 Aromatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	9/25/15	9/29/15 1:28	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	135	*	70-130		S-17		9/29/15	1:28	
2,5-Dibromotoluene (PID)	121		70-130				9/29/15	1:28	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:00

Field Sample #: Sed-2

Sample ID: 1511129-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.3	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:20	MJH
Barium	21	3.3	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:20	MJH
Cadmium	ND	0.33	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:20	MJH
Chromium	13	0.66	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:20	MJH
Lead	9.9	0.99	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:20	MJH
Mercury	ND	0.028	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:22	SCB
Selenium	ND	6.6	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:20	MJH
Silver	ND	0.66	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:20	MJH

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:00

Field Sample #: Sed-2

Sample ID: 1511129-02

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.1		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:00

Field Sample #: Sed-3

Sample ID: 151129-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Acrylonitrile	ND	0.0065	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
tert-Butyl Alcohol (TBA)	ND	0.043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
n-Butylbenzene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Carbon Disulfide	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-3

Sampled: 9/24/2015 15:00

Sample ID: 151129-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:21	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	117	70-130	9/30/15 9:21
Toluene-d8	97.4	70-130	9/30/15 9:21
4-Bromofluorobenzene	96.2	70-130	9/30/15 9:21

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-3

Sampled: 9/24/2015 15:00

Sample ID: 151129-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.95	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Acetophenone	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Aniline	ND	0.41	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Anthracene	3.9	0.20	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Benzidine	ND	0.79	mg/Kg dry	1	MS-09, V-04, V-05	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Benzo(a)anthracene	11	2.0	mg/Kg dry	10	MS-09	SW-846 8270D	9/28/15	10/1/15 14:17	CMR
Benzo(a)pyrene	7.6	2.0	mg/Kg dry	10	MS-09	SW-846 8270D	9/28/15	10/1/15 14:17	CMR
Benzo(b)fluoranthene	10	2.0	mg/Kg dry	10	MS-09	SW-846 8270D	9/28/15	10/1/15 14:17	CMR
Benzo(g,h,i)perylene	3.8	0.20	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Benzo(k)fluoranthene	4.0	0.20	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Bis(2-chloroethoxy)methane	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Bis(2-chloroethyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Bis(2-chloroisopropyl)ether	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
4-Bromophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Butylbenzylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Carbazole	0.66	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
4-Chloroaniline	ND	0.79	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
4-Chloro-3-methylphenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2-Chloronaphthalene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2-Chlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
4-Chlorophenylphenylether	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Chrysene	9.5	2.0	mg/Kg dry	10	MS-09	SW-846 8270D	9/28/15	10/1/15 14:17	CMR
Dibenz(a,h)anthracene	1.4	0.20	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Dibenzofuran	0.62	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Di-n-butylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
1,2-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
1,3-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
1,4-Dichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2,4-Dichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Diethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2,4-Dimethylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Dimethylphthalate	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
4,6-Dinitro-2-methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2,4-Dinitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2,4-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2,6-Dinitrotoluene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Di-n-octylphthalate	ND	0.41	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Fluoranthene	27	2.0	mg/Kg dry	10	MS-09	SW-846 8270D	9/28/15	10/1/15 14:17	CMR
Fluorene	1.4	0.20	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-3

Sampled: 9/24/2015 15:00

Sample ID: 151129-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Hexachlorobutadiene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Hexachlorocyclopentadiene	ND	0.41	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Hexachloroethane	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Indeno(1,2,3-cd)pyrene	4.7	0.20	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Isophorone	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
3/4-Methylphenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Naphthalene	0.29	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
3-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
4-Nitroaniline	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Nitrobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2-Nitrophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
4-Nitrophenol	ND	0.79	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
N-Nitrosodimethylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
N-Nitrosodiphenylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
N-Nitrosodi-n-propylamine	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Pentachloronitrobenzene	ND	0.41	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Pentachlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Phenanthrene	11	2.0	mg/Kg dry	10	MS-09	SW-846 8270D	9/28/15	10/1/15 14:17	CMR
Phenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
Pyrene	19	2.0	mg/Kg dry	10	MS-09	SW-846 8270D	9/28/15	10/1/15 14:17	CMR
Pyridine	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
1,2,4-Trichlorobenzene	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2,4,5-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR
2,4,6-Trichlorophenol	ND	0.41	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 14:41	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	48.9	30-130	9/30/15 14:41
Phenol-d6	54.4	30-130	9/30/15 14:41
Nitrobenzene-d5	47.3	30-130	9/30/15 14:41
2-Fluorobiphenyl	70.5	30-130	9/30/15 14:41
2,4,6-Tribromophenol	91.2	30-130	9/30/15 14:41
p-Terphenyl-d14	78.6	30-130	9/30/15 14:41

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:00

Field Sample #: Sed-3

Sample ID: 1511129-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1221 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1232 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1242 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1248 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1254 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1260 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1262 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Aroclor-1268 [1]	ND	0.024	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:00	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		88.8	30-150					10/1/15 15:00	
Decachlorobiphenyl [2]		102	30-150					10/1/15 15:00	
Tetrachloro-m-xylene [1]		81.9	30-150					10/1/15 15:00	
Tetrachloro-m-xylene [2]		85.3	30-150					10/1/15 15:00	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:00

Field Sample #: Sed-3

Sample ID: 1511129-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	12	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	9/30/15 16:00	SCS
C19-C36 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 16:00	SCS
C11-C22 Aromatics	37	12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 16:00	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	57.8	40-140	
o-Terphenyl (OTP)	72.8	40-140	
2-Bromonaphthalene	83.9	40-140	
2-Fluorobiphenyl	84.9	40-140	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-3

Sampled: 9/24/2015 15:00

Sample ID: 151129-03

Sample Matrix: Soil

Sample Flags: O-01

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.33

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 16:20	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 16:20	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 16:20	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	107		70-130				9/29/15 16:20		
2,5-Dibromotoluene (PID)	102		70-130				9/29/15 16:20		

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:00

Field Sample #: Sed-3

Sample ID: 151129-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:00	MJH
Barium	38	2.9	mg/Kg dry	1	MS-22	SW-846 6010C	9/29/15	10/2/15 1:00	MJH
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:00	MJH
Chromium	19	0.57	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:00	MJH
Lead	12	0.86	mg/Kg dry	1	MS-22	SW-846 6010C	9/29/15	10/2/15 1:00	MJH
Mercury	ND	0.026	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:23	SCB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:00	MJH
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:00	MJH

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:00

Field Sample #: Sed-3

Sample ID: 1511129-03

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:30

Field Sample #: Sed-4

Sample ID: 151129-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Acrylonitrile	ND	0.0061	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
n-Butylbenzene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Carbon Disulfide	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-4

Sampled: 9/24/2015 15:30

Sample ID: 151129-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Naphthalene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 9:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	112	70-130	9/30/15 9:48
Toluene-d8	95.6	70-130	9/30/15 9:48
4-Bromofluorobenzene	96.0	70-130	9/30/15 9:48

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-4

Sampled: 9/24/2015 15:30

Sample ID: 151129-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Acetophenone	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Aniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Benzidine	ND	0.86	mg/Kg dry	1	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Benzo(a)anthracene	0.60	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Benzo(a)pyrene	0.55	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Benzo(b)fluoranthene	0.67	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Benzo(g,h,i)perylene	0.34	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Benzo(k)fluoranthene	0.26	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Bis(2-chloroethoxy)methane	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Bis(2-chloroethyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Bis(2-chloroisopropyl)ether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
4-Bromophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Butylbenzylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
4-Chloroaniline	ND	0.86	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
4-Chloro-3-methylphenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2-Chloronaphthalene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2-Chlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
4-Chlorophenylphenylether	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Chrysene	0.67	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Dibenzofuran	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Di-n-butylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
1,2-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
1,3-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
1,4-Dichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2,4-Dichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Diethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2,4-Dimethylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Dimethylphthalate	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
4,6-Dinitro-2-methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2,4-Dinitrophenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2,4-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2,6-Dinitrotoluene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Di-n-octylphthalate	ND	0.44	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 15:04	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Fluoranthene	1.2	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-4

Sampled: 9/24/2015 15:30

Sample ID: 151129-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Hexachlorobutadiene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Hexachlorocyclopentadiene	ND	0.44	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Hexachloroethane	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Indeno(1,2,3-cd)pyrene	0.38	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Isophorone	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
1-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
3/4-Methylphenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
3-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
4-Nitroaniline	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Nitrobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2-Nitrophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
4-Nitrophenol	ND	0.86	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
N-Nitrosodimethylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
N-Nitrosodiphenylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
N-Nitrosodi-n-propylamine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Pentachloronitrobenzene	ND	0.44	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Pentachlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Phenanthrene	0.72	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Phenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Pyrene	1.2	0.22	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
Pyridine	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
1,2,4-Trichlorobenzene	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2,4,5-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR
2,4,6-Trichlorophenol	ND	0.44	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:04	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	71.3	30-130	9/30/15 15:04
Phenol-d6	70.7	30-130	9/30/15 15:04
Nitrobenzene-d5	64.8	30-130	9/30/15 15:04
2-Fluorobiphenyl	83.8	30-130	9/30/15 15:04
2,4,6-Tribromophenol	95.0	30-130	9/30/15 15:04
p-Terphenyl-d14	92.3	30-130	9/30/15 15:04

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:30

Field Sample #: Sed-4

Sample ID: 1511129-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1221 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1232 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1242 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1248 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1254 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1260 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1262 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Aroclor-1268 [1]	ND	0.026	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:18	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		82.0	30-150					10/1/15 15:18	
Decachlorobiphenyl [2]		90.0	30-150					10/1/15 15:18	
Tetrachloro-m-xylene [1]		81.8	30-150					10/1/15 15:18	
Tetrachloro-m-xylene [2]		85.7	30-150					10/1/15 15:18	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:30

Field Sample #: Sed-4

Sample ID: 1511129-04

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	13	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	9/30/15 16:21	SCS
C19-C36 Aliphatics	20	13	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 16:21	SCS
C11-C22 Aromatics	51	13	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 16:21	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	52.0	40-140	
o-Terphenyl (OTP)	64.9	40-140	
2-Bromonaphthalene	89.8	40-140	
2-Fluorobiphenyl	90.8	40-140	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Sed-4

Sampled: 9/24/2015 15:30

Sample ID: 151129-04

Sample Matrix: Soil

Sample Flags: O-01

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.34

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 16:56	EEH
C9-C12 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 16:56	EEH
C9-C10 Aromatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 16:56	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	126		70-130				9/29/15 16:56		
2,5-Dibromotoluene (PID)	115		70-130				9/29/15 16:56		

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:30

Field Sample #: Sed-4

Sample ID: 1511129-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.4	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:24	MJH
Barium	24	3.4	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:24	MJH
Cadmium	ND	0.34	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:24	MJH
Chromium	12	0.68	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:24	MJH
Lead	9.1	1.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:24	MJH
Mercury	ND	0.030	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:25	SCB
Selenium	ND	6.8	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:24	MJH
Silver	ND	0.68	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:24	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:30

Field Sample #: Sed-4

Sample ID: 151129-04

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.0		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-4

Sampled: 9/24/2015 15:00

Sample ID: 151129-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Acrylonitrile	ND	0.0054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Bromomethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
2-Butanone (MEK)	ND	0.036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
tert-Butyl Alcohol (TBA)	ND	0.036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
n-Butylbenzene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Carbon Disulfide	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Chlorodibromomethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Chloromethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2-Dibromoethane (EDB)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,3-Dichloropropane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
cis-1,3-Dichloropropene	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
trans-1,3-Dichloropropene	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Diethyl Ether	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-4

Sampled: 9/24/2015 15:00

Sample ID: 151129-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,4-Dioxane	ND	0.089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Naphthalene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Tetrahydrofuran	ND	0.0089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
Vinyl Chloride	ND	0.0089	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
m+p Xylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 11:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	117	70-130	9/30/15 11:37
Toluene-d8	97.8	70-130	9/30/15 11:37
4-Bromofluorobenzene	94.9	70-130	9/30/15 11:37

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-4

Sampled: 9/24/2015 15:00

Sample ID: 151129-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.42	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Acetophenone	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Aniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Anthracene	2.0	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Benzidine	ND	0.83	mg/Kg dry	1	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Benzo(a)anthracene	5.2	1.1	mg/Kg dry	5		SW-846 8270D	9/28/15	10/1/15 14:43	CMR
Benzo(a)pyrene	3.9	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Benzo(b)fluoranthene	4.5	1.1	mg/Kg dry	5		SW-846 8270D	9/28/15	10/1/15 14:43	CMR
Benzo(g,h,i)perylene	1.8	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Benzo(k)fluoranthene	1.9	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Benzoic Acid	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
4-Chloroaniline	ND	0.83	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
4-Chloro-3-methylphenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Chrysene	4.8	1.1	mg/Kg dry	5		SW-846 8270D	9/28/15	10/1/15 14:43	CMR
Dibenz(a,h)anthracene	0.65	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
1,2-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
1,3-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
1,4-Dichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2,4-Dinitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 15:27	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Fluoranthene	11	1.1	mg/Kg dry	5		SW-846 8270D	9/28/15	10/1/15 14:43	CMR
Fluorene	0.66	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-4

Sampled: 9/24/2015 15:00

Sample ID: 151129-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Indeno(1,2,3-cd)pyrene	2.2	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
1-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
4-Nitrophenol	ND	0.83	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
N-Nitrosodimethylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Pentachlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Phenanthrene	4.7	0.21	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
Pyrene	9.1	1.1	mg/Kg dry	5		SW-846 8270D	9/28/15	10/1/15 14:43	CMR
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:27	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	62.7	30-130	9/30/15 15:27
Phenol-d6	62.5	30-130	9/30/15 15:27
Nitrobenzene-d5	59.7	30-130	9/30/15 15:27
2-Fluorobiphenyl	69.4	30-130	9/30/15 15:27
2,4,6-Tribromophenol	70.8	30-130	9/30/15 15:27
p-Terphenyl-d14	69.0	30-130	9/30/15 15:27

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: DUP-4

Sampled: 9/24/2015 15:00

Sample ID: 1511129-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1221 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1232 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1242 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1248 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1254 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1260 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1262 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Aroclor-1268 [1]	ND	0.025	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:35	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		82.1	30-150					10/1/15 15:35	
Decachlorobiphenyl [2]		91.4	30-150					10/1/15 15:35	
Tetrachloro-m-xylene [1]		79.7	30-150					10/1/15 15:35	
Tetrachloro-m-xylene [2]		83.4	30-150					10/1/15 15:35	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: DUP-4

Sampled: 9/24/2015 15:00

Sample ID: 1511129-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	13	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	9/30/15 16:41	SCS
C19-C36 Aliphatics	ND	13	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 16:41	SCS
C11-C22 Aromatics	160	13	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	9/30/15 16:41	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	49.6	40-140	
o-Terphenyl (OTP)	59.3	40-140	
2-Bromonaphthalene	84.7	40-140	
2-Fluorobiphenyl	85.9	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-4

Sampled: 9/24/2015 15:00

Sample ID: 151129-05

Sample Matrix: Soil

Sample Flags: O-01

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.27

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 17:32	EEH
C9-C12 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 17:32	EEH
C9-C10 Aromatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 17:32	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	120		70-130				9/29/15 17:32		
2,5-Dibromotoluene (PID)	115		70-130				9/29/15 17:32		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:00

Field Sample #: DUP-4

Sample ID: 1511129-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.1	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:29	MJH
Barium	38	3.1	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:29	MJH
Cadmium	ND	0.31	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:29	MJH
Chromium	20	0.63	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:29	MJH
Lead	12	0.94	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:29	MJH
Mercury	ND	0.032	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:30	SCB
Selenium	ND	6.3	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:29	MJH
Silver	ND	0.63	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:29	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:00

Field Sample #: DUP-4

Sample ID: 1511129-05

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.2		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:10

Field Sample #: S-1

Sample ID: 151129-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	21	mg/Kg dry	2	L-04	MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
C19-C36 Aliphatics	56	21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Unadjusted C11-C22 Aromatics	700	21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
C11-C22 Aromatics	480	21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Acenaphthene	ND	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Acenaphthylene	2.2	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Anthracene	3.5	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Benzo(a)anthracene	20	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Benzo(a)pyrene	19	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Benzo(b)fluoranthene	28	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Benzo(g,h,i)perylene	8.9	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Benzo(k)fluoranthene	9.9	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Chrysene	24	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Dibenz(a,h)anthracene	3.3	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Fluoranthene	39	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Fluorene	0.85	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Indeno(1,2,3-cd)pyrene	11	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
2-Methylnaphthalene	ND	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Naphthalene	0.32	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Phenanthrene	12	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS
Pyrene	35	0.21	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	9/30/15 17:02	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	49.3	40-140	9/30/15 17:02
o-Terphenyl (OTP)	64.8	40-140	9/30/15 17:02
2-Bromonaphthalene	96.8	40-140	9/30/15 17:02
2-Fluorobiphenyl	98.2	40-140	9/30/15 17:02

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:10

Field Sample #: S-1

Sample ID: 1511129-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:33	MJH
Barium	40	2.6	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:33	MJH
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:33	MJH
Chromium	13	0.53	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:33	MJH
Lead	68	0.79	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:33	MJH
Mercury	0.060	0.027	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:31	SCB
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:33	MJH
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:33	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:10

Field Sample #: S-1

Sample ID: 1511129-06

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.3		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:15

Field Sample #: S-2

Sample ID: 151129-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
C19-C36 Aliphatics	28	11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Unadjusted C11-C22 Aromatics	190	11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
C11-C22 Aromatics	160	11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Acenaphthene	0.15	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Acenaphthylene	0.60	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Anthracene	0.54	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Benzo(a)anthracene	2.0	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Benzo(a)pyrene	1.8	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Benzo(b)fluoranthene	3.3	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Benzo(g,h,i)perylene	1.4	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Benzo(k)fluoranthene	1.1	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Chrysene	3.4	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Dibenz(a,h)anthracene	ND	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Fluoranthene	4.4	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Fluorene	0.51	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Indeno(1,2,3-cd)pyrene	1.3	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
2-Methylnaphthalene	0.27	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Naphthalene	0.26	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Phenanthrene	4.5	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Pyrene	6.1	0.11	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 3:54	SCS
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Chlorooctadecane (COD)	48.5		40-140				10/1/15 3:54		
o-Terphenyl (OTP)	56.8		40-140				10/1/15 3:54		
2-Bromonaphthalene	94.1		40-140				10/1/15 3:54		
2-Fluorobiphenyl	97.9		40-140				10/1/15 3:54		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:15

Field Sample #: S-2

Sample ID: 1511129-07

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	5.2	2.9	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:37	MJH
Barium	50	2.9	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:37	MJH
Cadmium	0.57	0.29	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:37	MJH
Chromium	19	0.57	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:37	MJH
Lead	190	0.86	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:37	MJH
Mercury	0.10	0.028	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:33	SCB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:37	MJH
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:37	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 14:15

Field Sample #: S-2

Sample ID: 151129-07

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:10

Field Sample #: S-3

Sample ID: 151129-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	12	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
C19-C36 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Unadjusted C11-C22 Aromatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
C11-C22 Aromatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Acenaphthene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Acenaphthylene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Anthracene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Benzo(a)anthracene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Benzo(a)pyrene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Benzo(b)fluoranthene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Benzo(g,h,i)perylene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Benzo(k)fluoranthene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Chrysene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Dibenz(a,h)anthracene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Fluoranthene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Fluorene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Indeno(1,2,3-cd)pyrene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
2-Methylnaphthalene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Naphthalene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Phenanthrene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
Pyrene	ND	0.12	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:15	SCS
<b>Surrogates</b>		<b>% Recovery</b>	<b>Recovery Limits</b>		<b>Flag/Qual</b>				
Chlorooctadecane (COD)		74.6	40-140					10/1/15 4:15	
o-Terphenyl (OTP)		86.7	40-140					10/1/15 4:15	
2-Bromonaphthalene		97.8	40-140					10/1/15 4:15	
2-Fluorobiphenyl		102	40-140					10/1/15 4:15	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:10

Field Sample #: S-3

Sample ID: 151129-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:41	MJH
Barium	88	3.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:41	MJH
Cadmium	ND	0.30	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:41	MJH
Chromium	37	0.60	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:41	MJH
Lead	5.0	0.90	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:41	MJH
Mercury	ND	0.028	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:34	SCB
Selenium	ND	6.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:41	MJH
Silver	ND	0.60	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:41	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 15:10

Field Sample #: S-3

Sample ID: 151129-08

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.1		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: S-4

Sampled: 9/24/2015 13:30

Sample ID: 151129-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Acenaphthylene	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Acetophenone	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Aniline	ND	0.67	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Anthracene	0.45	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Benzidine	ND	1.3	mg/Kg dry	1	MS-09, V-04, V-05	SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Benzo(a)anthracene	1.4	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Benzo(a)pyrene	1.3	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Benzo(b)fluoranthene	1.8	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Benzo(g,h,i)perylene	0.88	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Benzo(k)fluoranthene	0.66	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Benzoic Acid	ND	2.0	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Bis(2-chloroethoxy)methane	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Bis(2-chloroethyl)ether	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Bis(2-chloroisopropyl)ether	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
4-Bromophenylphenylether	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Butylbenzylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Carbazole	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
4-Chloroaniline	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
4-Chloro-3-methylphenol	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2-Chloronaphthalene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2-Chlorophenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
4-Chlorophenylphenylether	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Chrysene	1.6	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Dibenz(a,h)anthracene	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Dibenzofuran	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Di-n-butylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
1,2-Dichlorobenzene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
1,3-Dichlorobenzene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
1,4-Dichlorobenzene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
3,3-Dichlorobenzidine	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2,4-Dichlorophenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Diethylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2,4-Dimethylphenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Dimethylphthalate	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
4,6-Dinitro-2-methylphenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2,4-Dinitrophenol	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2,4-Dinitrotoluene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2,6-Dinitrotoluene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Di-n-octylphthalate	ND	0.67	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 15:50	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Fluoranthene	3.5	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Fluorene	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: S-4

Sampled: 9/24/2015 13:30

Sample ID: 151129-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Hexachlorobutadiene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Hexachlorocyclopentadiene	ND	0.67	mg/Kg dry	1	L-04, MS-09	SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Hexachloroethane	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Indeno(1,2,3-cd)pyrene	0.91	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Isophorone	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
1-Methylnaphthalene	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2-Methylnaphthalene	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2-Methylphenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
3/4-Methylphenol	1.0	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Naphthalene	ND	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2-Nitroaniline	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
3-Nitroaniline	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
4-Nitroaniline	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Nitrobenzene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2-Nitrophenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
4-Nitrophenol	ND	1.3	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
N-Nitrosodimethylamine	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
N-Nitrosodiphenylamine	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
N-Nitrosodi-n-propylamine	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Pentachloronitrobenzene	ND	0.67	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Pentachlorophenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Phenanthrene	2.4	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Phenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Pyrene	3.1	0.33	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
Pyridine	ND	0.67	mg/Kg dry	1	MS-09	SW-846 8270D	9/28/15	9/30/15 15:50	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
1,2,4-Trichlorobenzene	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2,4,5-Trichlorophenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR
2,4,6-Trichlorophenol	ND	0.67	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 15:50	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	70.3	30-130	
Phenol-d6	69.1	30-130	
Nitrobenzene-d5	62.5	30-130	
2-Fluorobiphenyl	79.7	30-130	
2,4,6-Tribromophenol	76.8	30-130	
p-Terphenyl-d14	76.4	30-130	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 13:30

Field Sample #: S-4

Sample ID: 1511129-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	8.4	4.8	mg/Kg dry	1		SW-846 6010C	9/30/15	10/2/15 1:52	MJH
Barium	390	4.8	mg/Kg dry	1	MS-19	SW-846 6010C	9/30/15	10/2/15 1:52	MJH
Cadmium	12	0.48	mg/Kg dry	1		SW-846 6010C	9/30/15	10/2/15 1:52	MJH
Chromium	170	0.95	mg/Kg dry	1	R-02	SW-846 6010C	9/30/15	10/2/15 1:52	MJH
Lead	250	1.4	mg/Kg dry	1	MS-19	SW-846 6010C	9/30/15	10/2/15 1:52	MJH
Mercury	0.51	0.048	mg/Kg dry	1	MS-07, MS-11	SW-846 7471B	9/30/15	10/2/15 12:49	SCB
Selenium	ND	9.5	mg/Kg dry	1	MS-22	SW-846 6010C	9/30/15	10/2/15 1:52	MJH
Silver	6.0	0.95	mg/Kg dry	1	R-04	SW-846 6010C	9/30/15	10/2/15 1:52	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 13:30

Field Sample #: S-4

Sample ID: 1511129-09

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	50.9		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/23/2015 16:00

Field Sample #: Waste-5

Sample ID: 151129-14

Sample Matrix: Oil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1221 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1232 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1242 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1248 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1254 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1260 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1262 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Aroclor-1268 [1]	ND	0.97	mg/Kg	1		EPA 600/4-81-045	9/29/15	10/2/15 11:48	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		103	30-150					10/2/15 11:48	
Decachlorobiphenyl [2]		98.3	30-150					10/2/15 11:48	
Tetrachloro-m-xylene [1]		86.0	30-150					10/2/15 11:48	
Tetrachloro-m-xylene [2]		84.1	30-150					10/2/15 11:48	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/23/2015 16:00

Field Sample #: Waste-5

Sample ID: 1511129-14

Sample Matrix: Oil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	4.6	mg/Kg	1	L-04	SW-846 6010C	10/6/15	10/6/15 12:34	MJH
Arsenic	ND	4.7	mg/Kg	1		SW-846 6010C	10/7/15	10/7/15 22:15	MJH
Cadmium	ND	5.9	mg/Kg	1		SW-846 6010C	10/7/15	10/7/15 22:15	MJH
Cadmium	ND	5.7	mg/Kg	1	L-04	SW-846 6010C	10/6/15	10/6/15 12:34	MJH
Chromium	ND	2.3	mg/Kg	1		SW-846 6010C	10/6/15	10/6/15 12:34	MJH
Lead	<3.4	3.4	mg/Kg	1	L-04	SW-846 6010C	10/6/15	10/6/15 12:34	MJH
Lead	<3.5	3.5	mg/Kg	1		SW-846 6010C	10/7/15	10/7/15 22:15	MJH

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/23/2015 16:00

Field Sample #: Waste-5

Sample ID: 151129-14

Sample Matrix: Oil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Flashpoint	>150	70	°F	1		SW-846 1010A		9/30/15 0:00	AAL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/23/2015 16:00

Field Sample #: Waste-5

Sample ID: 151129-14

Sample Matrix: Oil

Miscellaneous Inorganic Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Halogens	<50.0	50	mg/Kg	1		SW-846 9076		10/1/15 0:00	SAL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: PCB-2

Sampled: 9/23/2015 14:30

Sample ID: 1511129-15

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1254 [2]	0.39	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:04	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		75.4	30-150					9/30/15 1:04	
Decachlorobiphenyl [2]		72.3	30-150					9/30/15 1:04	
Tetrachloro-m-xylene [1]		78.7	30-150					9/30/15 1:04	
Tetrachloro-m-xylene [2]		81.1	30-150					9/30/15 1:04	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: PCB-3

Sampled: 9/23/2015 14:40

Sample ID: 1511129-16

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:17	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		68.9	30-150					9/30/15 1:17	
Decachlorobiphenyl [2]		57.6	30-150					9/30/15 1:17	
Tetrachloro-m-xylene [1]		70.9	30-150					9/30/15 1:17	
Tetrachloro-m-xylene [2]		67.3	30-150					9/30/15 1:17	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/23/2015 15:05

Field Sample #: PCB-4

Sample ID: 1511129-17

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:29	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		70.7	30-150					9/30/15 1:29	
Decachlorobiphenyl [2]		62.5	30-150					9/30/15 1:29	
Tetrachloro-m-xylene [1]		83.6	30-150					9/30/15 1:29	
Tetrachloro-m-xylene [2]		86.7	30-150					9/30/15 1:29	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: PCB-5

Sampled: 9/23/2015 15:15

Sample ID: 1511129-18

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:42	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		75.7	30-150					9/30/15 1:42	
Decachlorobiphenyl [2]		65.0	30-150					9/30/15 1:42	
Tetrachloro-m-xylene [1]		76.1	30-150					9/30/15 1:42	
Tetrachloro-m-xylene [2]		78.7	30-150					9/30/15 1:42	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/23/2015 15:20

Field Sample #: PCB-6

Sample ID: 1511129-19

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1254 [1]	0.29	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 1:55	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		64.6	30-150					9/30/15 1:55	
Decachlorobiphenyl [2]		56.7	30-150					9/30/15 1:55	
Tetrachloro-m-xylene [1]		77.6	30-150					9/30/15 1:55	
Tetrachloro-m-xylene [2]		80.3	30-150					9/30/15 1:55	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: PCB-7

Sampled: 9/23/2015 15:25

Sample ID: 1511129-20

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:08	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		59.1	30-150					9/30/15 2:08	
Decachlorobiphenyl [2]		53.2	30-150					9/30/15 2:08	
Tetrachloro-m-xylene [1]		67.9	30-150					9/30/15 2:08	
Tetrachloro-m-xylene [2]		71.3	30-150					9/30/15 2:08	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: PCB-8

Sampled: 9/23/2015 15:30

Sample ID: 1511129-21

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1254 [2]	0.41	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1260 [2]	0.27	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 15:36	KAL
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	79.1		30-150				9/30/15 15:36		
Decachlorobiphenyl [2]	71.9		30-150				9/30/15 15:36		
Tetrachloro-m-xylene [1]	87.2		30-150				9/30/15 15:36		
Tetrachloro-m-xylene [2]	88.9		30-150				9/30/15 15:36		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: PCB-9

Sampled: 9/23/2015 15:55

Sample ID: 1511129-22

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1248 [1]	0.53	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1254 [2]	0.44	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:33	KAL
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	68.2		30-150				9/30/15 2:33		
Decachlorobiphenyl [2]	60.3		30-150				9/30/15 2:33		
Tetrachloro-m-xylene [1]	74.7		30-150				9/30/15 2:33		
Tetrachloro-m-xylene [2]	76.6		30-150				9/30/15 2:33		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:00

Field Sample #: PCB-10

Sample ID: 1511129-23

Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	9/28/15	9/30/15 2:46	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		55.4	30-150					9/30/15 2:46	
Decachlorobiphenyl [2]		50.4	30-150					9/30/15 2:46	
Tetrachloro-m-xylene [1]		57.7	30-150					9/30/15 2:46	
Tetrachloro-m-xylene [2]		58.6	30-150					9/30/15 2:46	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-3

Sampled: 9/24/2015 13:30

Sample ID: 151129-24

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.17	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Acrylonitrile	ND	0.010	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Benzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Bromobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Bromochloromethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Bromodichloromethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Bromoform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Bromomethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
2-Butanone (MEK)	ND	0.068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
tert-Butyl Alcohol (TBA)	ND	0.068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
n-Butylbenzene	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
sec-Butylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
tert-Butylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Carbon Disulfide	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Carbon Tetrachloride	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Chlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Chlorodibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Chloroethane	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Chloroform	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Chloromethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
2-Chlorotoluene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
4-Chlorotoluene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2-Dibromoethane (EDB)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Dibromomethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2-Dichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,3-Dichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,4-Dichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
trans-1,4-Dichloro-2-butene	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1-Dichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2-Dichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1-Dichloroethylene	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
cis-1,2-Dichloroethylene	0.0035	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
trans-1,2-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2-Dichloropropane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,3-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
2,2-Dichloropropane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1-Dichloropropene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
cis-1,3-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
trans-1,3-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Diethyl Ether	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-3

Sampled: 9/24/2015 13:30

Sample ID: 151129-24

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,4-Dioxane	ND	0.17	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Ethylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Hexachlorobutadiene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
2-Hexanone (MBK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Isopropylbenzene (Cumene)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Methylene Chloride	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Naphthalene	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
n-Propylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Styrene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1,1,2-Tetrachloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Tetrachloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Tetrahydrofuran	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Toluene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2,3-Trichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2,4-Trichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,3,5-Trichlorobenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1,1-Trichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1,2-Trichloroethane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Trichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Trichlorofluoromethane (Freon 11)	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2,3-Trichloropropane	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,2,4-Trimethylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
1,3,5-Trimethylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
Vinyl Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
m+p Xylene	ND	0.0068	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF
o-Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	122	70-130	9/30/15 12:04
Toluene-d8	98.2	70-130	9/30/15 12:04
4-Bromofluorobenzene	93.3	70-130	9/30/15 12:04

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-3

Sampled: 9/24/2015 13:30

Sample ID: 151129-24

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Acenaphthylene	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Acetophenone	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Aniline	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Anthracene	0.36	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Benzidine	ND	1.2	mg/Kg dry	1	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Benzo(a)anthracene	1.4	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Benzo(a)pyrene	1.4	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Benzo(b)fluoranthene	1.8	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Benzo(g,h,i)perylene	0.87	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Benzo(k)fluoranthene	0.67	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Benzoic Acid	ND	1.8	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Bis(2-chloroethoxy)methane	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Bis(2-chloroethyl)ether	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Bis(2-chloroisopropyl)ether	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
4-Bromophenylphenylether	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Butylbenzylphthalate	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Carbazole	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
4-Chloroaniline	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
4-Chloro-3-methylphenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2-Chloronaphthalene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2-Chlorophenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
4-Chlorophenylphenylether	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Chrysene	1.5	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Dibenz(a,h)anthracene	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Dibenzofuran	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Di-n-butylphthalate	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
1,2-Dichlorobenzene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
1,3-Dichlorobenzene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
1,4-Dichlorobenzene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
3,3-Dichlorobenzidine	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2,4-Dichlorophenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Diethylphthalate	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2,4-Dimethylphenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Dimethylphthalate	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
4,6-Dinitro-2-methylphenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2,4-Dinitrophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2,4-Dinitrotoluene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2,6-Dinitrotoluene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Di-n-octylphthalate	ND	0.62	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 16:59	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Fluoranthene	3.2	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Fluorene	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-3

Sampled: 9/24/2015 13:30

Sample ID: 151129-24

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Hexachlorobutadiene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Hexachlorocyclopentadiene	ND	0.62	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Hexachloroethane	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Indeno(1,2,3-cd)pyrene	0.87	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Isophorone	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
1-Methylnaphthalene	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2-Methylnaphthalene	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2-Methylphenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
3/4-Methylphenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Naphthalene	ND	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2-Nitroaniline	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
3-Nitroaniline	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
4-Nitroaniline	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Nitrobenzene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2-Nitrophenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
4-Nitrophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
N-Nitrosodimethylamine	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
N-Nitrosodiphenylamine	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
N-Nitrosodi-n-propylamine	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Pentachloronitrobenzene	ND	0.62	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Pentachlorophenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Phenanthrene	2.1	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Phenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Pyrene	3.1	0.31	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
Pyridine	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
1,2,4-Trichlorobenzene	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2,4,5-Trichlorophenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR
2,4,6-Trichlorophenol	ND	0.62	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 16:59	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	60.1	30-130	9/30/15 16:59
Phenol-d6	66.5	30-130	9/30/15 16:59
Nitrobenzene-d5	58.0	30-130	9/30/15 16:59
2-Fluorobiphenyl	81.3	30-130	9/30/15 16:59
2,4,6-Tribromophenol	98.4	30-130	9/30/15 16:59
p-Terphenyl-d14	102	30-130	9/30/15 16:59

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: DUP-3

Sampled: 9/24/2015 13:30

Sample ID: 1511129-24

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1221 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1232 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1242 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1248 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1254 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1260 [2]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1262 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Aroclor-1268 [1]	ND	0.037	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 15:52	JMB
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		67.7	30-150					10/1/15 15:52	
Decachlorobiphenyl [2]		75.2	30-150					10/1/15 15:52	
Tetrachloro-m-xylene [1]		69.6	30-150					10/1/15 15:52	
Tetrachloro-m-xylene [2]		73.1	30-150					10/1/15 15:52	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 13:30

Field Sample #: DUP-3

Sample ID: 1511129-24

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	19	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	10/1/15 4:36	SCS
C19-C36 Aliphatics	130	19	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:36	SCS
C11-C22 Aromatics	130	19	mg/Kg dry	1		MADEP-EPH-04-1.1	9/29/15	10/1/15 4:36	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	57.9	40-140	
o-Terphenyl (OTP)	79.9	40-140	
2-Bromonaphthalene	108	40-140	
2-Fluorobiphenyl	112	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 13:30

Field Sample #: DUP-3

Sample ID: 1511129-24

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.99

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	27	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 20:32	EEH
C9-C12 Aliphatics	ND	27	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 20:32	EEH
C9-C10 Aromatics	ND	27	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 20:32	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	124		70-130				9/29/15 20:32		
2,5-Dibromotoluene (PID)	117		70-130				9/29/15 20:32		

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 13:30

Field Sample #: DUP-3

Sample ID: 1511129-24

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.7	4.4	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:45	MJH
Barium	210	4.4	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:45	MJH
Cadmium	6.0	0.44	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:45	MJH
Chromium	90	0.88	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:45	MJH
Lead	330	1.3	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:45	MJH
Mercury	0.46	0.044	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:36	SCB
Selenium	ND	8.8	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:45	MJH
Silver	ND	0.88	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:45	MJH

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 13:30

Field Sample #: DUP-3

Sample ID: 151129-24

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	53.8		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: Drain-1

Sampled: 9/24/2015 10:05

Sample ID: 1511129-25

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Acrylonitrile	ND	1.4	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Benzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Bromobenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Bromochloromethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Bromodichloromethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Bromoform	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Bromomethane	ND	0.57	mg/Kg dry	1	R-05	SW-846 8260C	9/28/15	9/30/15 6:52	LBD
2-Butanone (MEK)	ND	5.7	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
tert-Butyl Alcohol (TBA)	ND	5.7	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
n-Butylbenzene	2.0	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
sec-Butylbenzene	1.3	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
tert-Butylbenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Carbon Disulfide	ND	0.85	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Carbon Tetrachloride	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Chlorobenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Chlorodibromomethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Chloroethane	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Chloroform	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Chloromethane	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
2-Chlorotoluene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
4-Chlorotoluene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.4	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2-Dibromoethane (EDB)	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Dibromomethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2-Dichlorobenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,3-Dichlorobenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,4-Dichlorobenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
trans-1,4-Dichloro-2-butene	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Dichlorodifluoromethane (Freon 12)	ND	0.57	mg/Kg dry	1	V-05	SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1-Dichloroethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2-Dichloroethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1-Dichloroethylene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
cis-1,2-Dichloroethylene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
trans-1,2-Dichloroethylene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2-Dichloropropane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,3-Dichloropropane	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
2,2-Dichloropropane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1-Dichloropropene	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
cis-1,3-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
trans-1,3-Dichloropropene	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Diethyl Ether	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: Drain-1

Sampled: 9/24/2015 10:05

Sample ID: 1511129-25

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,4-Dioxane	ND	14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Ethylbenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Hexachlorobutadiene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
2-Hexanone (MBK)	ND	2.8	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Isopropylbenzene (Cumene)	8.0	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
p-Isopropyltoluene (p-Cymene)	1.7	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Methyl tert-Butyl Ether (MTBE)	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Methylene Chloride	ND	1.4	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
4-Methyl-2-pentanone (MIBK)	ND	2.8	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Naphthalene	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
n-Propylbenzene	27	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Styrene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1,1,2-Tetrachloroethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1,2,2-Tetrachloroethane	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Tetrachloroethylene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Tetrahydrofuran	ND	2.8	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Toluene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2,3-Trichlorobenzene	ND	1.4	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2,4-Trichlorobenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,3,5-Trichlorobenzene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1,1-Trichloroethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1,2-Trichloroethane	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Trichloroethylene	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
Trichlorofluoromethane (Freon 11)	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2,3-Trichloropropane	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
1,2,4-Trimethylbenzene	98	5.7	mg/Kg dry	20		SW-846 8260C	9/28/15	9/30/15 10:00	LBD
1,3,5-Trimethylbenzene	50	5.7	mg/Kg dry	20		SW-846 8260C	9/28/15	9/30/15 10:00	LBD
Vinyl Chloride	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
m+p Xylene	ND	0.57	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD
o-Xylene	1.5	0.28	mg/Kg dry	1		SW-846 8260C	9/28/15	9/30/15 6:52	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	106	70-130	9/30/15 10:00
1,2-Dichloroethane-d4	108	70-130	9/30/15 6:52
Toluene-d8	101	70-130	9/30/15 10:00
Toluene-d8	104	70-130	9/30/15 6:52
4-Bromofluorobenzene	98.4	70-130	9/30/15 10:00
4-Bromofluorobenzene	101	70-130	9/30/15 6:52

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-1

Sampled: 9/24/2015 10:05

Sample ID: 151129-25

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Acenaphthylene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Acetophenone	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Aniline	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Anthracene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Benzidine	ND	2.4	mg/Kg dry	1	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Benzo(a)anthracene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Benzo(a)pyrene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Benzo(b)fluoranthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Benzo(g,h,i)perylene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Benzo(k)fluoranthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Benzoic Acid	ND	3.6	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Bis(2-chloroethoxy)methane	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Bis(2-chloroethyl)ether	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Bis(2-chloroisopropyl)ether	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Bis(2-Ethylhexyl)phthalate	10	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
4-Bromophenylphenylether	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Butylbenzylphthalate	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Carbazole	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
4-Chloroaniline	ND	2.4	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
4-Chloro-3-methylphenol	ND	2.4	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2-Chloronaphthalene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2-Chlorophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
4-Chlorophenylphenylether	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Chrysene	0.94	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Dibenz(a,h)anthracene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Dibenzofuran	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Di-n-butylphthalate	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
1,2-Dichlorobenzene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
1,3-Dichlorobenzene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
1,4-Dichlorobenzene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
3,3-Dichlorobenzidine	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2,4-Dichlorophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Diethylphthalate	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2,4-Dimethylphenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Dimethylphthalate	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
4,6-Dinitro-2-methylphenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2,4-Dinitrophenol	ND	2.4	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2,4-Dinitrotoluene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2,6-Dinitrotoluene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Di-n-octylphthalate	ND	1.2	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 17:22	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Fluoranthene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Fluorene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: Drain-1

Sampled: 9/24/2015 10:05

Sample ID: 1511129-25

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Hexachlorobutadiene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Hexachlorocyclopentadiene	ND	1.2	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Hexachloroethane	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Indeno(1,2,3-cd)pyrene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Isophorone	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
1-Methylnaphthalene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2-Methylnaphthalene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2-Methylphenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
3/4-Methylphenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Naphthalene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2-Nitroaniline	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
3-Nitroaniline	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
4-Nitroaniline	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Nitrobenzene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2-Nitrophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
4-Nitrophenol	ND	2.4	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
N-Nitrosodimethylamine	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
N-Nitrosodiphenylamine	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
N-Nitrosodi-n-propylamine	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Pentachloronitrobenzene	ND	1.2	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Pentachlorophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Phenanthrene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Phenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Pyrene	ND	0.61	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
Pyridine	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
1,2,4,5-Tetrachlorobenzene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
1,2,4-Trichlorobenzene	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2,4,5-Trichlorophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR
2,4,6-Trichlorophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:22	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	91.8	30-130	9/30/15 17:22
Phenol-d6	86.8	30-130	9/30/15 17:22
Nitrobenzene-d5	80.5	30-130	9/30/15 17:22
2-Fluorobiphenyl	88.3	30-130	9/30/15 17:22
2,4,6-Tribromophenol	95.6	30-130	9/30/15 17:22
p-Terphenyl-d14	100	30-130	9/30/15 17:22

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-1

Sampled: 9/24/2015 10:05

Sample ID: 151129-25

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1221 [1]	ND	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1232 [1]	ND	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1242 [1]	ND	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1248 [2]	0.11	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1254 [2]	0.11	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1260 [1]	ND	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1262 [1]	ND	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Aroclor-1268 [1]	ND	0.072	mg/Kg dry	1		SW-846 8082A	9/29/15	10/1/15 16:10	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	70.0		30-150				10/1/15 16:10		
Decachlorobiphenyl [2]	75.3		30-150				10/1/15 16:10		
Tetrachloro-m-xylene [1]	72.7		30-150				10/1/15 16:10		
Tetrachloro-m-xylene [2]	77.3		30-150				10/1/15 16:10		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 10:05

Field Sample #: Drain-1

Sample ID: 1511129-25

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	600	72	mg/Kg dry	1	L-04	MADEP-EPH-04-1.1	9/29/15	10/1/15 4:57	SCS
C19-C36 Aliphatics	28000	3600	mg/Kg dry	50		MADEP-EPH-04-1.1	9/29/15	10/1/15 23:35	SCS
C11-C22 Aromatics	6800	720	mg/Kg dry	10		MADEP-EPH-04-1.1	9/29/15	10/1/15 23:35	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	74.1	40-140	
o-Terphenyl (OTP)	83.6	40-140	
2-Bromonaphthalene	100	40-140	
2-Fluorobiphenyl	108	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-1

Sampled: 9/24/2015 10:05

Sample ID: 151129-25

Sample Matrix: Soil

Sample Flags: O-02

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.67

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	79	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/30/15 3:08	EEH
C9-C12 Aliphatics	ND	79	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/30/15 3:08	EEH
C9-C10 Aromatics	270	79	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/30/15 3:08	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	122		70-130				9/30/15 3:08		
2,5-Dibromotoluene (PID)	109		70-130				9/30/15 3:08		

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 10:05

Field Sample #: Drain-1

Sample ID: 151129-25

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	9.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:49	MJH
Barium	150	9.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:49	MJH
Cadmium	23	0.90	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:49	MJH
Chromium	41	1.8	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:49	MJH
Lead	140	2.7	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:49	MJH
Mercury	0.27	0.077	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:37	SCB
Selenium	ND	18	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:49	MJH
Silver	ND	1.8	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:49	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 10:05

Field Sample #: Drain-1

Sample ID: 1511129-25

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	27.9		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-2

Sample ID: 151129-26

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Acetone	ND	0.33	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Acrylonitrile	ND	0.0082	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Acrylonitrile	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Benzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Benzene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Bromobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Bromobenzene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Bromochloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Bromochloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Bromodichloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Bromodichloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Bromoform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Bromoform	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Bromomethane	ND	0.033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Bromomethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
2-Butanone (MEK)	ND	0.054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
2-Butanone (MEK)	ND	0.13	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
tert-Butyl Alcohol (TBA)	ND	0.054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
n-Butylbenzene	ND	0.013	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
n-Butylbenzene	ND	0.0054	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
sec-Butylbenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
sec-Butylbenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
tert-Butylbenzene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
tert-Butylbenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Carbon Disulfide	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Carbon Disulfide	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Carbon Tetrachloride	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Carbon Tetrachloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Chlorobenzene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Chlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Chlorodibromomethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Chlorodibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Chloroethane	ND	0.066	mg/Kg dry	1	V-05	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Chloroethane	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Chloroform	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Chloroform	ND	0.0054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Chloromethane	ND	0.033	mg/Kg dry	1	L-04	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Chloromethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-2

Sampled: 9/24/2015 11:45

Sample ID: 151129-26

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
2-Chlorotoluene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
4-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
4-Chlorotoluene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,2-Dibromoethane (EDB)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2-Dibromoethane (EDB)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Dibromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Dibromomethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2-Dichlorobenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2-Dichlorobenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,3-Dichlorobenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,3-Dichlorobenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,4-Dichlorobenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,4-Dichlorobenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
trans-1,4-Dichloro-2-butene	ND	0.0054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1-Dichloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,2-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2-Dichloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,1-Dichloroethylene	ND	0.0054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1-Dichloroethylene	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
cis-1,2-Dichloroethylene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
cis-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
trans-1,2-Dichloroethylene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
trans-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2-Dichloropropane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,3-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,3-Dichloropropane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
2,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
2,2-Dichloropropane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,1-Dichloropropene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1-Dichloropropene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
cis-1,3-Dichloropropene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
cis-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
trans-1,3-Dichloropropene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
trans-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Diethyl Ether	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Diethyl Ether	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-2

Sampled: 9/24/2015 11:45

Sample ID: 151129-26

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Diisopropyl Ether (DIPE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,4-Dioxane	ND	0.14	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,4-Dioxane	ND	0.33	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Ethylbenzene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Ethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Hexachlorobutadiene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Hexachlorobutadiene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
2-Hexanone (MBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
2-Hexanone (MBK)	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Isopropylbenzene (Cumene)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Isopropylbenzene (Cumene)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Methylene Chloride	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Methylene Chloride	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Naphthalene	ND	0.013	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Naphthalene	ND	0.0054	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
n-Propylbenzene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
n-Propylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Styrene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Styrene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,1,2,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Tetrachloroethylene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Tetrachloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Tetrahydrofuran	ND	0.033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Tetrahydrofuran	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Toluene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Toluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2,3-Trichlorobenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2,3-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,2,4-Trichlorobenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2,4-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,3,5-Trichlorobenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,3,5-Trichlorobenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,1,1-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1,1-Trichloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: Drain-2

Sampled: 9/24/2015 11:45

Sample ID: 1511129-26

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1,2-Trichloroethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Trichloroethylene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Trichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Trichlorofluoromethane (Freon 11)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2,3-Trichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2,3-Trichloropropane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,2,4-Trimethylbenzene	ND	0.0027	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,2,4-Trimethylbenzene	ND	0.0066	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 15:00	MFF
1,3,5-Trimethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
1,3,5-Trimethylbenzene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Vinyl Chloride	ND	0.033	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
Vinyl Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
m+p Xylene	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
m+p Xylene	ND	0.0054	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF
o-Xylene	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 15:00	MFF
o-Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:32	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	118	70-130	9/30/15 12:32
1,2-Dichloroethane-d4	119	70-130	10/1/15 15:00
Toluene-d8	93.4	70-130	10/1/15 15:00
Toluene-d8	92.3	70-130	9/30/15 12:32
4-Bromofluorobenzene	80.2	70-130	9/30/15 12:32
4-Bromofluorobenzene	78.5	70-130	10/1/15 15:00

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-2

Sampled: 9/24/2015 11:45

Sample ID: 151129-26

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Acenaphthylene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Acetophenone	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Aniline	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Anthracene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Benzidine	ND	9.9	mg/Kg dry	2	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Benzo(a)anthracene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Benzo(a)pyrene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Benzo(b)fluoranthene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Benzo(g,h,i)perylene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Benzo(k)fluoranthene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Benzoic Acid	ND	15	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Bis(2-chloroethoxy)methane	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Bis(2-chloroethyl)ether	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Bis(2-chloroisopropyl)ether	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Bis(2-Ethylhexyl)phthalate	16	5.1	mg/Kg dry	2	MS-09	SW-846 8270D	9/28/15	9/30/15 18:54	CMR
4-Bromophenylphenylether	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Butylbenzylphthalate	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Carbazole	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
4-Chloroaniline	ND	9.9	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
4-Chloro-3-methylphenol	ND	9.9	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2-Chloronaphthalene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2-Chlorophenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
4-Chlorophenylphenylether	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Chrysene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Dibenz(a,h)anthracene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Dibenzofuran	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Di-n-butylphthalate	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
1,2-Dichlorobenzene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
1,3-Dichlorobenzene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
1,4-Dichlorobenzene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
3,3-Dichlorobenzidine	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2,4-Dichlorophenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Diethylphthalate	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2,4-Dimethylphenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Dimethylphthalate	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
4,6-Dinitro-2-methylphenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2,4-Dinitrophenol	ND	9.9	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2,4-Dinitrotoluene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2,6-Dinitrotoluene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Di-n-octylphthalate	ND	5.1	mg/Kg dry	2	V-20	SW-846 8270D	9/28/15	9/30/15 18:54	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Fluoranthene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Fluorene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-2

Sampled: 9/24/2015 11:45

Sample ID: 151129-26

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Hexachlorobutadiene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Hexachlorocyclopentadiene	ND	5.1	mg/Kg dry	2	L-04	SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Hexachloroethane	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Indeno(1,2,3-cd)pyrene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Isophorone	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
1-Methylnaphthalene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2-Methylnaphthalene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2-Methylphenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
3/4-Methylphenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Naphthalene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2-Nitroaniline	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
3-Nitroaniline	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
4-Nitroaniline	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Nitrobenzene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2-Nitrophenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
4-Nitrophenol	ND	9.9	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
N-Nitrosodimethylamine	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
N-Nitrosodiphenylamine	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
N-Nitrosodi-n-propylamine	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Pentachloronitrobenzene	ND	5.1	mg/Kg dry	2	V-16	SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Pentachlorophenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Phenanthrene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Phenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Pyrene	ND	2.6	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
Pyridine	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
1,2,4,5-Tetrachlorobenzene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
1,2,4-Trichlorobenzene	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2,4,5-Trichlorophenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR
2,4,6-Trichlorophenol	ND	5.1	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 18:54	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	46.2	30-130	9/30/15 18:54
Phenol-d6	46.3	30-130	9/30/15 18:54
Nitrobenzene-d5	51.1	30-130	9/30/15 18:54
2-Fluorobiphenyl	55.1	30-130	9/30/15 18:54
2,4,6-Tribromophenol	53.3	30-130	9/30/15 18:54
p-Terphenyl-d14	62.5	30-130	9/30/15 18:54

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-2

Sample ID: 151129-26

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1221 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1232 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1242 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1248 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1254 [2]	0.39	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1260 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1262 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Aroclor-1268 [1]	ND	0.060	mg/Kg dry	2		SW-846 8082A	9/29/15	10/2/15 11:55	KAL
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	52.3		30-150				10/2/15 11:55		
Decachlorobiphenyl [2]	53.1		30-150				10/2/15 11:55		
Tetrachloro-m-xylene [1]	46.6		30-150				10/2/15 11:55		
Tetrachloro-m-xylene [2]	52.6		30-150				10/2/15 11:55		

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-2

Sample ID: 1511129-26

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses - EPH

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	560	380	mg/Kg dry	10		MADEP-EPH-04-1.1	9/29/15	10/1/15 12:26	SCS
C19-C36 Aliphatics	26000	3800	mg/Kg dry	100		MADEP-EPH-04-1.1	9/29/15	10/1/15 13:37	SCS
C11-C22 Aromatics	5800	380	mg/Kg dry	10		MADEP-EPH-04-1.1	9/29/15	10/1/15 12:26	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	Date/Time Analyzed
Chlorooctadecane (COD)	*	40-140	S-01	10/1/15 12:26
o-Terphenyl (OTP)	*	40-140	S-01	10/1/15 12:26
2-Bromonaphthalene	81.8	40-140		10/1/15 12:26
2-Fluorobiphenyl	82.9	40-140		10/1/15 12:26

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-2

Sample ID: 151129-26

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.82

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	24	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 21:08	EEH
C9-C12 Aliphatics	ND	24	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 21:08	EEH
C9-C10 Aromatics	ND	24	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 21:08	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	93.5		70-130				9/29/15 21:08		
2,5-Dibromotoluene (PID)	89.0		70-130				9/29/15 21:08		

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-2

Sample ID: 1511129-26

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	14	3.8	mg/Kg dry	1		SW-846 6010C	9/29/15	10/1/15 19:31	MJH
Barium	130	3.8	mg/Kg dry	1	MS-07A	SW-846 6010C	9/29/15	10/2/15 0:38	MJH
Cadmium	6.3	0.38	mg/Kg dry	1		SW-846 6010C	9/29/15	10/1/15 19:31	MJH
Chromium	78	0.75	mg/Kg dry	1	MS-22	SW-846 6010C	9/29/15	10/1/15 19:31	MJH
Lead	430	1.1	mg/Kg dry	1	MS-19	SW-846 6010C	9/29/15	10/1/15 19:31	MJH
Mercury	0.23	0.038	mg/Kg dry	1	MS-07	SW-846 7471B	9/29/15	10/1/15 16:27	SCB
Selenium	ND	7.5	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 0:38	MJH
Silver	ND	0.75	mg/Kg dry	1		SW-846 6010C	9/29/15	10/1/15 19:31	MJH

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-2

Sample ID: 1511129-26

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	66.2		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-3

Sampled: 9/24/2015 11:45

Sample ID: 151129-27

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Acrylonitrile	ND	0.0052	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Bromomethane	ND	0.0086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
n-Butylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Carbon Disulfide	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Chlorodibromomethane	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Chloromethane	ND	0.0086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2-Dibromoethane (EDB)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,3-Dichloropropane	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
cis-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
trans-1,3-Dichloropropene	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-3

Sampled: 9/24/2015 11:45

Sample ID: 151129-27

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,4-Dioxane	ND	0.086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.00086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Tetrahydrofuran	ND	0.0086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
Vinyl Chloride	ND	0.0086	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 12:59	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	117	70-130	9/30/15 12:59
Toluene-d8	96.8	70-130	9/30/15 12:59
4-Bromofluorobenzene	91.0	70-130	9/30/15 12:59

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-3

Sampled: 9/24/2015 11:45

Sample ID: 151129-27

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Acetophenone	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Aniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Benzidine	ND	0.77	mg/Kg dry	1	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Benzo(a)anthracene	0.48	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Benzo(a)pyrene	0.42	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Benzo(b)fluoranthene	0.57	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Benzo(g,h,i)perylene	0.30	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Benzo(k)fluoranthene	0.24	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Bis(2-Ethylhexyl)phthalate	4.8	1.6	mg/Kg dry	4		SW-846 8270D	9/28/15	10/1/15 15:54	CMR
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Butylbenzylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
4-Chloroaniline	ND	0.77	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
4-Chloro-3-methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
4-Chlorophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Chrysene	0.57	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Di-n-butylphthalate	1.5	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
1,2-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
1,3-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
1,4-Dichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Dimethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Di-n-octylphthalate	ND	0.40	mg/Kg dry	1	V-20	SW-846 8270D	9/28/15	9/30/15 17:45	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Fluoranthene	0.85	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: Drain-3

Sampled: 9/24/2015 11:45

Sample ID: 1511129-27

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Hexachlorocyclopentadiene	ND	0.40	mg/Kg dry	1	L-04	SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Indeno(1,2,3-cd)pyrene	0.27	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Isophorone	4.7	1.6	mg/Kg dry	4		SW-846 8270D	9/28/15	10/1/15 15:54	CMR
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2-Methylnaphthalene	0.27	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Naphthalene	0.21	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
3-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
4-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
4-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
N-Nitrosodimethylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
N-Nitrosodiphenylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
N-Nitrosodi-n-propylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Pentachloronitrobenzene	ND	0.40	mg/Kg dry	1	V-16	SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Phenanthrene	0.73	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Pyrene	0.92	0.20	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Pyridine	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	9/28/15	9/30/15 17:45	CMR
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		64.1	30-130					9/30/15 17:45	
Phenol-d6		63.1	30-130					9/30/15 17:45	
Nitrobenzene-d5		60.9	30-130					9/30/15 17:45	
2-Fluorobiphenyl		71.5	30-130					9/30/15 17:45	
2,4,6-Tribromophenol		77.9	30-130					9/30/15 17:45	
p-Terphenyl-d14		87.0	30-130					9/30/15 17:45	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-3

Sample ID: 151129-27

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1260 [2]	0.33	0.12	mg/Kg dry	5	O-04	SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	9/29/15	10/2/15 9:41	KAL
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	66.8		30-150			10/2/15 9:41			
Decachlorobiphenyl [2]	73.7		30-150			10/2/15 9:41			
Tetrachloro-m-xylene [1]	72.0		30-150			10/2/15 9:41			
Tetrachloro-m-xylene [2]	80.2		30-150			10/2/15 9:41			

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: Drain-3

Sampled: 9/24/2015 11:45

Sample ID: 1511129-27

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	38	23	mg/Kg dry	2	L-04	MADEP-EPH-04-1.1	9/29/15	10/1/15 5:18	SCS
C19-C36 Aliphatics	330	23	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	10/1/15 5:18	SCS
C11-C22 Aromatics	260	23	mg/Kg dry	2		MADEP-EPH-04-1.1	9/29/15	10/1/15 5:18	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	68.9	40-140	
o-Terphenyl (OTP)	79.7	40-140	
2-Bromonaphthalene	107	40-140	
2-Fluorobiphenyl	111	40-140	

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: Drain-3

Sampled: 9/24/2015 11:45

Sample ID: 151129-27

Sample Matrix: Soil

Sample Flags: O-02

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.43

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	30	29	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 21:44	EEH
C9-C12 Aliphatics	ND	29	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 21:44	EEH
C9-C10 Aromatics	ND	29	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 21:44	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	105		70-130				9/29/15 21:44		
2,5-Dibromotoluene (PID)	99.9		70-130				9/29/15 21:44		

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-3

Sample ID: 151129-27

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.0	2.8	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:53	MJH
Barium	150	2.8	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:53	MJH
Cadmium	1.6	0.28	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:53	MJH
Chromium	39	0.57	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:53	MJH
Lead	62	0.85	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:53	MJH
Mercury	1.3	0.31	mg/Kg dry	10		SW-846 7471B	9/29/15	9/30/15 14:13	SCB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:53	MJH
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 1:53	MJH

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 11:45

Field Sample #: Drain-3

Sample ID: 151129-27

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

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Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 151129-28

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Acetone	ND	0.092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Acrylonitrile	ND	0.0046	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Bromochloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Bromomethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Bromomethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.031	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
n-Butylbenzene	ND	0.0037	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
n-Butylbenzene	ND	0.0031	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Carbon Disulfide	ND	0.015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Carbon Disulfide	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Chlorodibromomethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Chloroethane	ND	0.018	mg/Kg dry	1	V-05	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1	L-04	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Chloromethane	ND	0.0077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 151129-28

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,2-Dibromoethane (EDB)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2-Dibromoethane (EDB)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,3-Dichloropropane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
cis-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
trans-1,3-Dichloropropene	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Diethyl Ether	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Diethyl Ether	ND	0.015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 151129-28

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Diisopropyl Ether (DIPE)	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,4-Dioxane	ND	0.077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,4-Dioxane	ND	0.092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.00077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Tetrahydrofuran	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Tetrahydrofuran	ND	0.0077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,3,5-Trichlorobenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 1511129-28

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1	V-17	SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1	V-17	SW-846 8260C	10/1/15	10/1/15 14:33	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
Vinyl Chloride	ND	0.0077	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/1/15	10/1/15 14:33	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	9/30/15	9/30/15 13:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	117	70-130	9/30/15 13:26
1,2-Dichloroethane-d4	126	70-130	10/1/15 14:33
Toluene-d8	92.5	70-130	10/1/15 14:33
Toluene-d8	93.6	70-130	9/30/15 13:26
4-Bromofluorobenzene	77.8	70-130	9/30/15 13:26
4-Bromofluorobenzene	85.3	70-130	10/1/15 14:33

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 151129-28

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Acenaphthylene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Acetophenone	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Aniline	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Anthracene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Benzidine	ND	8.8	mg/Kg dry	2	V-04, V-05	SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Benzo(a)anthracene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Benzo(a)pyrene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Benzo(b)fluoranthene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Benzo(g,h,i)perylene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Benzo(k)fluoranthene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Benzoic Acid	ND	13	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Bis(2-chloroethoxy)methane	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Bis(2-chloroethyl)ether	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Bis(2-chloroisopropyl)ether	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Bis(2-Ethylhexyl)phthalate	15	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
4-Bromophenylphenylether	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Butylbenzylphthalate	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Carbazole	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
4-Chloroaniline	ND	8.8	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
4-Chloro-3-methylphenol	ND	8.8	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2-Chloronaphthalene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2-Chlorophenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
4-Chlorophenylphenylether	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Chrysene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Dibenz(a,h)anthracene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Dibenzofuran	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Di-n-butylphthalate	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
1,2-Dichlorobenzene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
1,3-Dichlorobenzene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
1,4-Dichlorobenzene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
3,3-Dichlorobenzidine	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2,4-Dichlorophenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Diethylphthalate	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2,4-Dimethylphenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Dimethylphthalate	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
4,6-Dinitro-2-methylphenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2,4-Dinitrophenol	ND	8.8	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2,4-Dinitrotoluene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2,6-Dinitrotoluene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Di-n-octylphthalate	ND	4.5	mg/Kg dry	2	V-20	SW-846 8270D	9/28/15	9/30/15 19:16	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Fluoranthene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Fluorene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 151129-28

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Hexachlorobutadiene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Hexachlorocyclopentadiene	ND	4.5	mg/Kg dry	2	L-04	SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Hexachloroethane	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Indeno(1,2,3-cd)pyrene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Isophorone	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
1-Methylnaphthalene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2-Methylnaphthalene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2-Methylphenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
3/4-Methylphenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Naphthalene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2-Nitroaniline	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
3-Nitroaniline	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
4-Nitroaniline	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Nitrobenzene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2-Nitrophenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
4-Nitrophenol	ND	8.8	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
N-Nitrosodimethylamine	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
N-Nitrosodiphenylamine	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
N-Nitrosodi-n-propylamine	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Pentachloronitrobenzene	ND	4.5	mg/Kg dry	2	V-16	SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Pentachlorophenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Phenanthrene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Phenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Pyrene	ND	2.3	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
Pyridine	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
1,2,4,5-Tetrachlorobenzene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
1,2,4-Trichlorobenzene	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2,4,5-Trichlorophenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR
2,4,6-Trichlorophenol	ND	4.5	mg/Kg dry	2		SW-846 8270D	9/28/15	9/30/15 19:16	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	39.0	30-130	9/30/15 19:16
Phenol-d6	37.0	30-130	9/30/15 19:16
Nitrobenzene-d5	39.2	30-130	9/30/15 19:16
2-Fluorobiphenyl	46.8	30-130	9/30/15 19:16
2,4,6-Tribromophenol	49.0	30-130	9/30/15 19:16
p-Terphenyl-d14	55.7	30-130	9/30/15 19:16

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 151129-28

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1221 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1232 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1242 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1248 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1254 [2]	0.30	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1260 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1262 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Aroclor-1268 [1]	ND	0.027	mg/Kg dry	1		SW-846 8082A	9/29/15	10/2/15 9:59	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		48.7	30-150					10/2/15 9:59	
Decachlorobiphenyl [2]		52.8	30-150					10/2/15 9:59	
Tetrachloro-m-xylene [1]		44.2	30-150					10/2/15 9:59	
Tetrachloro-m-xylene [2]		48.3	30-150					10/2/15 9:59	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 1511129-28

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	830	340	mg/Kg dry	10		MADEP-EPH-04-1.1	9/29/15	10/1/15 12:47	SCS
C19-C36 Aliphatics	43000	6700	mg/Kg dry	200		MADEP-EPH-04-1.1	9/29/15	10/1/15 13:57	SCS
C11-C22 Aromatics	10000	340	mg/Kg dry	10		MADEP-EPH-04-1.1	9/29/15	10/1/15 12:47	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	Date/Time Analyzed
Chlorooctadecane (COD)	*	40-140	S-01	10/1/15 12:47
o-Terphenyl (OTP)	*	40-140	S-01	10/1/15 12:47
2-Bromonaphthalene	77.6	40-140		10/1/15 12:47
2-Fluorobiphenyl	79.7	40-140		10/1/15 12:47

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Field Sample #: DUP-2

Sampled: 9/24/2015 10:40

Sample ID: 151129-28

Sample Matrix: Soil

Sample Flags: O-01

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.64

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 22:20	EEH
C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 22:20	EEH
C9-C10 Aromatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	9/28/15	9/29/15 22:20	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	81.8		70-130				9/29/15 22:20		
2,5-Dibromotoluene (PID)	72.0		70-130				9/29/15 22:20		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 151129

Date Received: 9/25/2015

Sampled: 9/24/2015 10:40

Field Sample #: DUP-2

Sample ID: 151129-28

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	7.2	3.3	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 2:08	MJH
Barium	87	3.3	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 2:08	MJH
Cadmium	3.3	0.33	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 2:08	MJH
Chromium	53	0.66	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 2:08	MJH
Lead	170	1.0	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 2:08	MJH
Mercury	0.19	0.033	mg/Kg dry	1		SW-846 7471B	9/29/15	9/30/15 11:40	SCB
Selenium	13	6.6	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 2:08	MJH
Silver	ND	0.66	mg/Kg dry	1		SW-846 6010C	9/29/15	10/2/15 2:08	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mills, Wilton, ME

Sample Description:

Work Order: 1511129

Date Received: 9/25/2015

Sampled: 9/24/2015 10:40

Field Sample #: DUP-2

Sample ID: 1511129-28

Sample Matrix: Soil

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.4		% Wt	1		SM 2540G	9/28/15	9/29/15 9:58	MRL

**Sample Extraction Data**

**Prep Method: SW-846 3580A-EPA 600/4-81-045**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-14 [Waste-5]	B131752	0.207	10.0	09/29/15

**Prep Method: SW-846 3546-MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-02 [Sed-2]	B131707	20.0	2.00	09/29/15
15I1129-03 [Sed-3]	B131707	20.0	2.00	09/29/15
15I1129-04 [Sed-4]	B131707	20.0	2.00	09/29/15
15I1129-05 [DUP-4]	B131707	20.0	2.00	09/29/15
15I1129-06 [S-1]	B131707	20.0	2.00	09/29/15
15I1129-07 [S-2]	B131707	20.0	2.00	09/29/15
15I1129-08 [S-3]	B131707	20.0	2.00	09/29/15
15I1129-24 [DUP-3]	B131707	20.0	2.00	09/29/15
15I1129-25 [Drain-1]	B131707	10.0	2.00	09/29/15
15I1129-26 [Drain-2]	B131707	20.0	5.00	09/29/15
15I1129-27 [Drain-3]	B131707	20.0	2.00	09/29/15
15I1129-28 [DUP-2]	B131707	20.0	5.00	09/29/15

**Prep Method: SW-846 3546-MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-01RE1 [Sed-1]	B131950	20.0	2.00	10/01/15

**Prep Method: MA VPH-MADEP-VPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-01 [Sed-1]	B131511	25.8	21.6	09/25/15
15I1129-02 [Sed-2]	B131511	22.2	20.2	09/25/15

**Prep Method: MA VPH-MADEP-VPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-03 [Sed-3]	B131653	19.9	18.5	09/28/15
15I1129-04 [Sed-4]	B131653	20.1	19.9	09/28/15
15I1129-05 [DUP-4]	B131653	19.1	19.1	09/28/15
15I1129-24 [DUP-3]	B131653	14.9	22.0	09/28/15
15I1129-25 [Drain-1]	B131653	10.1	22.3	09/28/15
15I1129-26 [Drain-2]	B131653	12.3	19.3	09/28/15
15I1129-27 [Drain-3]	B131653	6.40	16.0	09/28/15
15I1129-28 [DUP-2]	B131653	8.20	7.10	09/28/15

**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
15I1129-01 [Sed-1]	B131638	09/28/15
15I1129-02 [Sed-2]	B131638	09/28/15
15I1129-03 [Sed-3]	B131638	09/28/15
15I1129-04 [Sed-4]	B131638	09/28/15
15I1129-05 [DUP-4]	B131638	09/28/15

**Sample Extraction Data**

**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
15I1129-06 [S-1]	B131638	09/28/15
15I1129-07 [S-2]	B131638	09/28/15
15I1129-08 [S-3]	B131638	09/28/15
15I1129-09 [S-4]	B131638	09/28/15
15I1129-24 [DUP-3]	B131638	09/28/15
15I1129-25 [Drain-1]	B131638	09/28/15
15I1129-26 [Drain-2]	B131638	09/28/15
15I1129-27 [Drain-3]	B131638	09/28/15
15I1129-28 [DUP-2]	B131638	09/28/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-14 [Waste-5]	B132239	0.219	50.0	10/06/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-14RE1 [Waste-5]	B132465	0.213	50.0	10/07/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-01 [Sed-1]	B131717	0.959	50.0	09/29/15
15I1129-02 [Sed-2]	B131717	0.984	50.0	09/29/15
15I1129-03 [Sed-3]	B131717	1.05	50.0	09/29/15
15I1129-04 [Sed-4]	B131717	0.965	50.0	09/29/15
15I1129-05 [DUP-4]	B131717	1.01	50.0	09/29/15
15I1129-06 [S-1]	B131717	1.01	50.0	09/29/15
15I1129-07 [S-2]	B131717	1.00	50.0	09/29/15
15I1129-08 [S-3]	B131717	1.00	50.0	09/29/15
15I1129-24 [DUP-3]	B131717	1.06	50.0	09/29/15
15I1129-25 [Drain-1]	B131717	0.995	50.0	09/29/15
15I1129-27 [Drain-3]	B131717	1.04	50.0	09/29/15
15I1129-28 [DUP-2]	B131717	1.01	50.0	09/29/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-26 [Drain-2]	B131775	1.00	50.0	09/29/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-09 [S-4]	B131842	1.03	50.0	09/30/15

**Sample Extraction Data**

**Prep Method: SW-846 7471-SW-846 7471B**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-01 [Sed-1]	B131722	0.590	50.0	09/29/15
15I1129-02 [Sed-2]	B131722	0.697	50.0	09/29/15
15I1129-03 [Sed-3]	B131722	0.689	50.0	09/29/15
15I1129-04 [Sed-4]	B131722	0.665	50.0	09/29/15
15I1129-05 [DUP-4]	B131722	0.598	50.0	09/29/15
15I1129-06 [S-1]	B131722	0.600	50.0	09/29/15
15I1129-07 [S-2]	B131722	0.616	50.0	09/29/15
15I1129-08 [S-3]	B131722	0.646	50.0	09/29/15
15I1129-24 [DUP-3]	B131722	0.627	50.0	09/29/15
15I1129-25 [Drain-1]	B131722	0.698	50.0	09/29/15
15I1129-27 [Drain-3]	B131722	0.571	50.0	09/29/15
15I1129-28 [DUP-2]	B131722	0.614	50.0	09/29/15

**Prep Method: SW-846 7471-SW-846 7471B**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-26 [Drain-2]	B131777	0.592	50.0	09/29/15

**Prep Method: SW-846 7471-SW-846 7471B**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-09 [S-4]	B131839	0.611	50.0	09/30/15

**Prep Method: SW-846 3546-SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-01 [Sed-1]	B131768	10.0	10.0	09/29/15
15I1129-02 [Sed-2]	B131768	10.0	10.0	09/29/15
15I1129-03 [Sed-3]	B131768	10.0	10.0	09/29/15
15I1129-04 [Sed-4]	B131768	10.0	10.0	09/29/15
15I1129-05 [DUP-4]	B131768	10.0	10.0	09/29/15
15I1129-24 [DUP-3]	B131768	10.0	10.0	09/29/15
15I1129-25 [Drain-1]	B131768	10.0	10.0	09/29/15
15I1129-26 [Drain-2]	B131768	10.0	10.0	09/29/15
15I1129-27 [Drain-3]	B131768	10.0	10.0	09/29/15
15I1129-28 [DUP-2]	B131768	10.0	10.0	09/29/15

**Prep Method: SW-846 3546-SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
15I1129-15 [PCB-2]	B131693	1.00	10.0	09/28/15
15I1129-16 [PCB-3]	B131693	1.00	10.0	09/28/15
15I1129-17 [PCB-4]	B131693	1.00	10.0	09/28/15
15I1129-18 [PCB-5]	B131693	1.00	10.0	09/28/15
15I1129-19 [PCB-6]	B131693	1.00	10.0	09/28/15
15I1129-20 [PCB-7]	B131693	1.00	10.0	09/28/15
15I1129-21 [PCB-8]	B131693	1.00	10.0	09/28/15
15I1129-22 [PCB-9]	B131693	1.00	10.0	09/28/15
15I1129-23 [PCB-10]	B131693	1.00	10.0	09/28/15

**Sample Extraction Data**

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
15I1129-25 [Drain-1]	B131698	5.82	9.20	1	50	09/28/15
15I1129-25RE1 [Drain-1]	B131698	5.82	9.20	0.05	50	09/28/15

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-01 [Sed-1]	B131854	7.14	10.0	09/30/15
15I1129-02 [Sed-2]	B131854	6.76	10.0	09/30/15
15I1129-03 [Sed-3]	B131854	5.58	10.0	09/30/15
15I1129-04 [Sed-4]	B131854	6.47	10.0	09/30/15
15I1129-05 [DUP-4]	B131854	7.06	10.0	09/30/15
15I1129-24 [DUP-3]	B131854	5.45	10.0	09/30/15
15I1129-26 [Drain-2]	B131854	5.55	10.0	09/30/15
15I1129-27 [Drain-3]	B131854	6.80	10.0	09/30/15
15I1129-28 [DUP-2]	B131854	8.74	10.0	09/30/15

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-26RE1 [Drain-2]	B131918	2.28	10.0	10/01/15
15I1129-28RE1 [DUP-2]	B131918	7.29	10.0	10/01/15

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1129-01 [Sed-1]	B131689	30.3	1.00	09/28/15
15I1129-02 [Sed-2]	B131689	30.2	1.00	09/28/15
15I1129-03 [Sed-3]	B131689	30.2	1.00	09/28/15
15I1129-03RE1 [Sed-3]	B131689	30.2	1.00	09/28/15
15I1129-04 [Sed-4]	B131689	30.4	1.00	09/28/15
15I1129-05 [DUP-4]	B131689	30.1	1.00	09/28/15
15I1129-05RE1 [DUP-4]	B131689	30.1	1.00	09/28/15
15I1129-09 [S-4]	B131689	30.0	1.00	09/28/15
15I1129-24 [DUP-3]	B131689	30.4	1.00	09/28/15
15I1129-25 [Drain-1]	B131689	30.1	1.00	09/28/15
15I1129-26 [Drain-2]	B131689	30.1	5.00	09/28/15
15I1129-27 [Drain-3]	B131689	30.2	1.00	09/28/15
15I1129-27RE1 [Drain-3]	B131689	30.2	1.00	09/28/15
15I1129-28 [DUP-2]	B131689	30.2	5.00	09/28/15

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131698 - SW-846 5035

Blank (B131698-BLK1)

Prepared: 09/29/15 Analyzed: 09/30/15

Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							R-05
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131698 - SW-846 5035

Blank (B131698-BLK1)

Prepared: 09/29/15 Analyzed: 09/30/15

Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							

Surrogate: 1,2-Dichloroethane-d4	0.0262		mg/Kg wet	0.0250		105	70-130			
Surrogate: Toluene-d8	0.0255		mg/Kg wet	0.0250		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0245		mg/Kg wet	0.0250		97.9	70-130			

LCS (B131698-BS1)

Prepared: 09/29/15 Analyzed: 09/30/15

Acetone	0.147	0.057	mg/Kg wet	0.113		130	70-160			†
Acrylonitrile	0.0142	0.0057	mg/Kg wet	0.0113		126	70-130			
tert-Amyl Methyl Ether (TAME)	0.0126	0.00057	mg/Kg wet	0.0113		111	70-130			
Benzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130			
Bromobenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
Bromochloromethane	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130			
Bromodichloromethane	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
Bromoform	0.00991	0.0011	mg/Kg wet	0.0113		87.4	70-130			
<b>Bromomethane</b>	0.00375	0.0023	mg/Kg wet	0.0113		33.1	* 40-130			L-07A †
2-Butanone (MEK)	0.159	0.023	mg/Kg wet	0.113		140	70-160			V-20 †
<b>tert-Butyl Alcohol (TBA)</b>	0.154	0.023	mg/Kg wet	0.113		136	* 40-130			L-07, V-20 †
n-Butylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
sec-Butylbenzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130			
tert-Butylbenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0137	0.00057	mg/Kg wet	0.0113		121	70-130			
Carbon Disulfide	0.0147	0.0034	mg/Kg wet	0.0113		130	70-130			
Carbon Tetrachloride	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130			
Chlorobenzene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
Chlorodibromomethane	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130			
<b>Chloroethane</b>	0.0210	0.0023	mg/Kg wet	0.0113		185	* 70-130			L-02, V-20
Chloroform	0.0129	0.0023	mg/Kg wet	0.0113		114	70-130			
Chloromethane	0.0101	0.0023	mg/Kg wet	0.0113		89.4	70-130			
2-Chlorotoluene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131698 - SW-846 5035</b>									
<b>LCS (B131698-BS1)</b>									
					Prepared: 09/29/15 Analyzed: 09/30/15				
4-Chlorotoluene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130		
1,2-Dibromo-3-chloropropane (DBCP)	0.0130	0.0057	mg/Kg wet	0.0113		115	70-130		
1,2-Dibromoethane (EDB)	0.0130	0.00057	mg/Kg wet	0.0113		115	70-130		
Dibromomethane	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130		
1,2-Dichlorobenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130		
1,3-Dichlorobenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130		
1,4-Dichlorobenzene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130		
trans-1,4-Dichloro-2-butene	0.0115	0.0023	mg/Kg wet	0.0113		102	70-130		
Dichlorodifluoromethane (Freon 12)	0.00522	0.0023	mg/Kg wet	0.0113		46.1	40-160		V-05 †
1,1-Dichloroethane	0.0141	0.0011	mg/Kg wet	0.0113		124	70-130		
1,2-Dichloroethane	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130		
1,1-Dichloroethylene	0.0133	0.0011	mg/Kg wet	0.0113		118	70-130		
cis-1,2-Dichloroethylene	0.0136	0.0011	mg/Kg wet	0.0113		120	70-130		
trans-1,2-Dichloroethylene	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130		
1,2-Dichloropropane	0.0132	0.0011	mg/Kg wet	0.0113		117	70-130		
1,3-Dichloropropane	0.0133	0.00057	mg/Kg wet	0.0113		118	70-130		
2,2-Dichloropropane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130		
1,1-Dichloropropene	0.0135	0.0023	mg/Kg wet	0.0113		119	70-130		
cis-1,3-Dichloropropene	0.0129	0.00057	mg/Kg wet	0.0113		114	70-130		
trans-1,3-Dichloropropene	0.0137	0.00057	mg/Kg wet	0.0113		121	70-130		
Diethyl Ether	0.0124	0.0023	mg/Kg wet	0.0113		110	70-130		
Diisopropyl Ether (DIPE)	0.0126	0.00057	mg/Kg wet	0.0113		111	70-130		
1,4-Dioxane	0.161	0.057	mg/Kg wet	0.113		142	40-160		V-20 †
Ethylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130		
Hexachlorobutadiene	0.0136	0.0011	mg/Kg wet	0.0113		120	70-160		
2-Hexanone (MBK)	0.145	0.011	mg/Kg wet	0.113		128	70-160		†
Isopropylbenzene (Cumene)	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130		
p-Isopropyltoluene (p-Cymene)	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130		
Methyl tert-Butyl Ether (MTBE)	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130		
Methylene Chloride	0.0175	0.0057	mg/Kg wet	0.0113		154	40-160		V-20 †
4-Methyl-2-pentanone (MIBK)	0.136	0.011	mg/Kg wet	0.113		120	70-160		V-20 †
Naphthalene	0.0132	0.0023	mg/Kg wet	0.0113		116	40-130		†
n-Propylbenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130		
Styrene	0.0121	0.0011	mg/Kg wet	0.0113		106	70-130		
1,1,1,2-Tetrachloroethane	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130		
1,1,2,2-Tetrachloroethane	0.0118	0.00057	mg/Kg wet	0.0113		104	70-130		
Tetrachloroethylene	0.0132	0.0011	mg/Kg wet	0.0113		117	70-130		
Tetrahydrofuran	0.0141	0.011	mg/Kg wet	0.0113		124	70-130		
Toluene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130		
1,2,3-Trichlorobenzene	0.0126	0.0057	mg/Kg wet	0.0113		112	70-130		
1,2,4-Trichlorobenzene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130		
1,3,5-Trichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.4	70-130		
1,1,1-Trichloroethane	0.0128	0.0011	mg/Kg wet	0.0113		112	70-130		
1,1,2-Trichloroethane	0.0136	0.0011	mg/Kg wet	0.0113		120	70-130		
Trichloroethylene	0.0139	0.0011	mg/Kg wet	0.0113		122	70-130		
Trichlorofluoromethane (Freon 11)	0.0109	0.0023	mg/Kg wet	0.0113		96.6	70-130		
1,2,3-Trichloropropane	0.0137	0.0023	mg/Kg wet	0.0113		121	70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130		
1,2,4-Trimethylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130		
1,3,5-Trimethylbenzene	0.0122	0.0011	mg/Kg wet	0.0113		107	70-130		
Vinyl Chloride	0.0114	0.0023	mg/Kg wet	0.0113		100	40-130		†

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131698 - SW-846 5035</b>										
<b>LCS (B131698-BS1)</b>										
					Prepared: 09/29/15 Analyzed: 09/30/15					
m+p Xylene	0.0249	0.0023	mg/Kg wet	0.0227		110	70-130			
o-Xylene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0303		mg/Kg wet	0.0283		107	70-130			
Surrogate: Toluene-d8	0.0284		mg/Kg wet	0.0283		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0279		mg/Kg wet	0.0283		98.6	70-130			
<b>LCS Dup (B131698-BSD1)</b>										
					Prepared: 09/29/15 Analyzed: 09/30/15					
Acetone	0.143	0.057	mg/Kg wet	0.113		126	70-160	2.71	25	†
Acrylonitrile	0.0138	0.0057	mg/Kg wet	0.0113		122	70-130	2.91	25	
tert-Amyl Methyl Ether (TAME)	0.0124	0.00057	mg/Kg wet	0.0113		109	70-130	1.54	25	
Benzene	0.0130	0.0011	mg/Kg wet	0.0113		114	70-130	0.614	25	
Bromobenzene	0.0128	0.0011	mg/Kg wet	0.0113		113	70-130	1.16	25	
Bromochloromethane	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130	2.14	25	
Bromodichloromethane	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	1.64	25	
Bromoform	0.00985	0.0011	mg/Kg wet	0.0113		86.9	70-130	0.574	25	
Bromomethane	0.00545	0.0023	mg/Kg wet	0.0113		48.1	40-130	<b>36.9</b> *	25	R-05 †
2-Butanone (MEK)	0.153	0.023	mg/Kg wet	0.113		135	70-160	3.76	25	V-20 †
tert-Butyl Alcohol (TBA)	0.143	0.023	mg/Kg wet	0.113		126	40-130	7.38	25	V-20 †
n-Butylbenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	0.765	25	
sec-Butylbenzene	0.0128	0.0011	mg/Kg wet	0.0113		112	70-130	0.973	25	
tert-Butylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-160	1.18	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0135	0.00057	mg/Kg wet	0.0113		119	70-130	1.25	25	
Carbon Disulfide	0.0147	0.0034	mg/Kg wet	0.0113		130	70-130	0.231	25	
Carbon Tetrachloride	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	1.25	25	
Chlorobenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	0.547	25	
Chlorodibromomethane	0.0109	0.00057	mg/Kg wet	0.0113		96.2	70-130	5.07	25	
<b>Chloroethane</b>	0.0213	0.0023	mg/Kg wet	0.0113		<b>188</b> *	70-130	1.45	25	L-02, V-20
Chloroform	0.0130	0.0023	mg/Kg wet	0.0113		115	70-130	0.612	25	
Chloromethane	0.0109	0.0023	mg/Kg wet	0.0113		95.9	70-130	7.02	25	
2-Chlorotoluene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	0.350	25	
4-Chlorotoluene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130	0.455	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0129	0.0057	mg/Kg wet	0.0113		114	70-130	0.701	25	
1,2-Dibromoethane (EDB)	0.0129	0.00057	mg/Kg wet	0.0113		114	70-130	0.613	25	
Dibromomethane	0.0125	0.0011	mg/Kg wet	0.0113		111	70-130	1.44	25	
1,2-Dichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	1.25	25	
1,3-Dichlorobenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130	0.270	25	
1,4-Dichlorobenzene	0.0122	0.0011	mg/Kg wet	0.0113		107	70-130	2.21	25	
trans-1,4-Dichloro-2-butene	0.0110	0.0023	mg/Kg wet	0.0113		97.2	70-130	4.72	25	
Dichlorodifluoromethane (Freon 12)	0.00533	0.0023	mg/Kg wet	0.0113		47.0	40-160	1.93	25	V-05 †
1,1-Dichloroethane	0.0140	0.0011	mg/Kg wet	0.0113		123	70-130	0.890	25	
1,2-Dichloroethane	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130	1.02	25	
1,1-Dichloroethylene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	1.80	25	
cis-1,2-Dichloroethylene	0.0135	0.0011	mg/Kg wet	0.0113		119	70-130	0.503	25	
trans-1,2-Dichloroethylene	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130	0.0844	25	
1,2-Dichloropropane	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	0.948	25	
1,3-Dichloropropane	0.0131	0.00057	mg/Kg wet	0.0113		115	70-130	2.06	25	
2,2-Dichloropropane	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130	3.34	25	
1,1-Dichloropropene	0.0134	0.0023	mg/Kg wet	0.0113		118	70-130	0.422	25	
cis-1,3-Dichloropropene	0.0127	0.00057	mg/Kg wet	0.0113		112	70-130	1.59	25	
trans-1,3-Dichloropropene	0.0137	0.00057	mg/Kg wet	0.0113		121	70-130	0.0824	25	
Diethyl Ether	0.0121	0.0023	mg/Kg wet	0.0113		107	70-130	2.40	25	
Diisopropyl Ether (DIPE)	0.0126	0.00057	mg/Kg wet	0.0113		112	70-130	0.0898	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131698 - SW-846 5035

LCS Dup (B131698-BSD1)

Prepared: 09/29/15 Analyzed: 09/30/15

1,4-Dioxane	0.141	0.057	mg/Kg wet	0.113		125	40-160	13.0	50	V-20 † ‡
Ethylbenzene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	0.818	25	
Hexachlorobutadiene	0.0132	0.0011	mg/Kg wet	0.0113		116	70-160	3.39	25	
2-Hexanone (MBK)	0.137	0.011	mg/Kg wet	0.113		121	70-160	5.34	25	†
Isopropylbenzene (Cumene)	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130	0.542	25	
p-Isopropyltoluene (p-Cymene)	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	2.39	25	
Methyl tert-Butyl Ether (MTBE)	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130	1.43	25	
Methylene Chloride	0.0171	0.0057	mg/Kg wet	0.0113		151	40-160	2.23	25	V-20 †
4-Methyl-2-pentanone (MIBK)	0.132	0.011	mg/Kg wet	0.113		116	70-160	2.72	25	V-20 †
Naphthalene	0.0121	0.0023	mg/Kg wet	0.0113		107	40-130	8.59	25	†
n-Propylbenzene	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	1.15	25	
Styrene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130	1.12	25	
1,1,1,2-Tetrachloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	0.763	25	
1,1,2,2-Tetrachloroethane	0.0110	0.00057	mg/Kg wet	0.0113		96.7	70-130	7.47	25	
Tetrachloroethylene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	0.602	25	
Tetrahydrofuran	0.0138	0.011	mg/Kg wet	0.0113		122	70-130	1.79	25	
Toluene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130	1.13	25	
1,2,3-Trichlorobenzene	0.0119	0.0057	mg/Kg wet	0.0113		105	70-130	5.72	25	
1,2,4-Trichlorobenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130	5.09	25	
1,3,5-Trichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.1	70-130	3.48	25	
1,1,1-Trichloroethane	0.0129	0.0011	mg/Kg wet	0.0113		114	70-130	1.24	25	
1,1,2-Trichloroethane	0.0133	0.0011	mg/Kg wet	0.0113		118	70-130	2.10	25	
Trichloroethylene	0.0147	0.0011	mg/Kg wet	0.0113		129	70-130	5.40	25	
Trichlorofluoromethane (Freon 11)	0.0110	0.0023	mg/Kg wet	0.0113		96.8	70-130	0.207	25	
1,2,3-Trichloropropane	0.0130	0.0023	mg/Kg wet	0.0113		114	70-130	5.45	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130	4.15	25	
1,2,4-Trimethylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130	0.00	25	
1,3,5-Trimethylbenzene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130	0.467	25	
Vinyl Chloride	0.0117	0.0023	mg/Kg wet	0.0113		103	40-130	2.46	25	†
m+p Xylene	0.0253	0.0023	mg/Kg wet	0.0227		112	70-130	1.35	25	
o-Xylene	0.0126	0.0011	mg/Kg wet	0.0113		112	70-130	0.901	25	
Surrogate: 1,2-Dichloroethane-d4	0.0301		mg/Kg wet	0.0283		106	70-130			
Surrogate: Toluene-d8	0.0284		mg/Kg wet	0.0283		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0282		mg/Kg wet	0.0283		99.7	70-130			

Batch B131854 - SW-846 5035

Blank (B131854-BLK1)

Prepared & Analyzed: 09/30/15

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131854 - SW-846 5035

Blank (B131854-BLK1)

Prepared & Analyzed: 09/30/15

tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131854 - SW-846 5035</b>										
<b>Blank (B131854-BLK1)</b>										
Prepared & Analyzed: 09/30/15										
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0555		mg/Kg wet	0.0500		111	70-130			
Surrogate: Toluene-d8	0.0488		mg/Kg wet	0.0500		97.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0483		mg/Kg wet	0.0500		96.6	70-130			
<b>LCS (B131854-BS1)</b>										
Prepared & Analyzed: 09/30/15										
Acetone	0.222	0.10	mg/Kg wet	0.200		111	70-160			V-20 †
Acrylonitrile	0.0197	0.0060	mg/Kg wet	0.0200		98.4	70-130			
tert-Amyl Methyl Ether (TAME)	0.0174	0.0010	mg/Kg wet	0.0200		87.1	70-130			
Benzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Bromobenzene	0.0227	0.0020	mg/Kg wet	0.0200		114	70-130			
Bromochloromethane	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130			
Bromodichloromethane	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
Bromoform	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
Bromomethane	0.00962	0.010	mg/Kg wet	0.0200		48.1	40-130			†
2-Butanone (MEK)	0.211	0.040	mg/Kg wet	0.200		106	70-160			†
tert-Butyl Alcohol (TBA)	0.178	0.040	mg/Kg wet	0.200		89.2	40-130			†
n-Butylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		117	70-130			
sec-Butylbenzene	0.0253	0.0020	mg/Kg wet	0.0200		127	70-130			
tert-Butylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		121	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0187	0.0010	mg/Kg wet	0.0200		93.3	70-130			
Carbon Disulfide	0.0196	0.0060	mg/Kg wet	0.0200		98.2	70-130			
Carbon Tetrachloride	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
Chlorobenzene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130			
Chlorodibromomethane	0.0199	0.0010	mg/Kg wet	0.0200		99.6	70-130			
Chloroethane	0.0141	0.020	mg/Kg wet	0.0200		70.6	70-130			
Chloroform	0.0220	0.0040	mg/Kg wet	0.0200		110	70-130			
Chloromethane	0.0144	0.010	mg/Kg wet	0.0200		71.9	70-130			
2-Chlorotoluene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130			
4-Chlorotoluene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0198	0.0020	mg/Kg wet	0.0200		98.8	70-130			
1,2-Dibromoethane (EDB)	0.0226	0.0010	mg/Kg wet	0.0200		113	70-130			
Dibromomethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,2-Dichlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130			
1,3-Dichlorobenzene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130			
1,4-Dichlorobenzene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130			
trans-1,4-Dichloro-2-butene	0.0174	0.0040	mg/Kg wet	0.0200		87.0	70-130			
Dichlorodifluoromethane (Freon 12)	0.0116	0.020	mg/Kg wet	0.0200		58.2	40-160			†
1,1-Dichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2-Dichloroethane	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130			
1,1-Dichloroethylene	0.0192	0.0040	mg/Kg wet	0.0200		96.1	70-130			
cis-1,2-Dichloroethylene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
trans-1,2-Dichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131854 - SW-846 5035</b>										
<b>LCS (B131854-BS1)</b>										
Prepared & Analyzed: 09/30/15										
1,2-Dichloropropane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,3-Dichloropropane	0.0209	0.0010	mg/Kg wet	0.0200		105	70-130			
2,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
1,1-Dichloropropene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130			
cis-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		92.2	70-130			
trans-1,3-Dichloropropene	0.0189	0.0010	mg/Kg wet	0.0200		94.7	70-130			
Diethyl Ether	0.0165	0.020	mg/Kg wet	0.0200		82.5	70-130			
Diisopropyl Ether (DIPE)	0.0195	0.0010	mg/Kg wet	0.0200		97.3	70-130			
1,4-Dioxane	0.186	0.10	mg/Kg wet	0.200		93.0	40-160			†
Ethylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		121	70-130			
Hexachlorobutadiene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-160			
2-Hexanone (MBK)	0.219	0.020	mg/Kg wet	0.200		109	70-160			†
Isopropylbenzene (Cumene)	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130			
p-Isopropyltoluene (p-Cymene)	0.0249	0.0020	mg/Kg wet	0.0200		124	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0189	0.0040	mg/Kg wet	0.0200		94.6	70-130			
Methylene Chloride	0.0214	0.020	mg/Kg wet	0.0200		107	40-160			†
4-Methyl-2-pentanone (MIBK)	0.205	0.020	mg/Kg wet	0.200		102	70-160			†
Naphthalene	0.0183	0.0040	mg/Kg wet	0.0200		91.4	40-130			†
n-Propylbenzene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130			
Styrene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
1,1,1,2-Tetrachloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
1,1,2,2-Tetrachloroethane	0.0227	0.0010	mg/Kg wet	0.0200		113	70-130			
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
Tetrahydrofuran	0.0193	0.010	mg/Kg wet	0.0200		96.7	70-130			
Toluene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2,3-Trichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130			
1,2,4-Trichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.2	70-130			
1,3,5-Trichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
1,1,1-Trichloroethane	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130			
1,1,2-Trichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
Trichloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Trichlorofluoromethane (Freon 11)	0.0206	0.010	mg/Kg wet	0.0200		103	70-130			
1,2,3-Trichloropropane	0.0233	0.0020	mg/Kg wet	0.0200		117	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0183	0.010	mg/Kg wet	0.0200		91.6	70-130			
1,2,4-Trimethylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130			
1,3,5-Trimethylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
Vinyl Chloride	0.0158	0.010	mg/Kg wet	0.0200		78.8	40-130			†
m+p Xylene	0.0479	0.0040	mg/Kg wet	0.0400		120	70-130			
o-Xylene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0516		mg/Kg wet	0.0500		103	70-130			
Surrogate: Toluene-d8	0.0501		mg/Kg wet	0.0500		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0521		mg/Kg wet	0.0500		104	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131854 - SW-846 5035</b>										
<b>LCS Dup (B131854-BSD1)</b>										
Prepared & Analyzed: 09/30/15										
Acetone	0.240	0.10	mg/Kg wet	0.200		120	70-160	7.99	25	V-20 †
Acrylonitrile	0.0215	0.0060	mg/Kg wet	0.0200		107	70-130	8.75	25	
tert-Amyl Methyl Ether (TAME)	0.0190	0.0010	mg/Kg wet	0.0200		95.1	70-130	8.78	25	
Benzene	0.0242	0.0020	mg/Kg wet	0.0200		121	70-130	8.17	25	
Bromobenzene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	4.64	25	
<b>Bromochloromethane</b>	0.0265	0.0020	mg/Kg wet	0.0200		<b>133</b>	* 70-130	10.2	25	L-07
Bromodichloromethane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	3.64	25	
Bromoform	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.37	25	
Bromomethane	0.0116	0.010	mg/Kg wet	0.0200		58.0	40-130	18.7	25	†
2-Butanone (MEK)	0.233	0.040	mg/Kg wet	0.200		117	70-160	9.91	25	†
tert-Butyl Alcohol (TBA)	0.195	0.040	mg/Kg wet	0.200		97.4	40-130	8.76	25	†
n-Butylbenzene	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	6.20	25	
<b>sec-Butylbenzene</b>	0.0269	0.0020	mg/Kg wet	0.0200		<b>134</b>	* 70-130	5.82	25	L-07
tert-Butylbenzene	0.0257	0.0020	mg/Kg wet	0.0200		128	70-160	6.18	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130	7.03	25	
Carbon Disulfide	0.0215	0.0060	mg/Kg wet	0.0200		108	70-130	9.14	25	
Carbon Tetrachloride	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	3.59	25	
Chlorobenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	4.26	25	
Chlorodibromomethane	0.0207	0.0010	mg/Kg wet	0.0200		104	70-130	3.94	25	
Chloroethane	0.0165	0.020	mg/Kg wet	0.0200		82.3	70-130	15.3	25	
Chloroform	0.0235	0.0040	mg/Kg wet	0.0200		118	70-130	6.86	25	
Chloromethane	0.0156	0.010	mg/Kg wet	0.0200		77.8	70-130	7.88	25	
2-Chlorotoluene	0.0257	0.0020	mg/Kg wet	0.0200		128	70-130	5.27	25	
4-Chlorotoluene	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130	4.32	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	7.41	25	
1,2-Dibromoethane (EDB)	0.0237	0.0010	mg/Kg wet	0.0200		118	70-130	4.41	25	
Dibromomethane	0.0241	0.0020	mg/Kg wet	0.0200		120	70-130	3.73	25	
1,2-Dichlorobenzene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	5.27	25	
1,3-Dichlorobenzene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	5.82	25	
1,4-Dichlorobenzene	0.0243	0.0020	mg/Kg wet	0.0200		121	70-130	3.26	25	
trans-1,4-Dichloro-2-butene	0.0161	0.0040	mg/Kg wet	0.0200		80.4	70-130	7.89	25	
Dichlorodifluoromethane (Freon 12)	0.0125	0.020	mg/Kg wet	0.0200		62.6	40-160	7.28	25	†
1,1-Dichloroethane	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	6.91	25	
1,2-Dichloroethane	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130	3.62	25	
1,1-Dichloroethylene	0.0203	0.0040	mg/Kg wet	0.0200		102	70-130	5.66	25	
cis-1,2-Dichloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130	5.54	25	
trans-1,2-Dichloroethylene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	10.7	25	
1,2-Dichloropropane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	3.51	25	
1,3-Dichloropropane	0.0224	0.0010	mg/Kg wet	0.0200		112	70-130	6.74	25	
2,2-Dichloropropane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	1.37	25	
1,1-Dichloropropene	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130	5.75	25	
cis-1,3-Dichloropropene	0.0193	0.0010	mg/Kg wet	0.0200		96.7	70-130	4.76	25	
trans-1,3-Dichloropropene	0.0197	0.0010	mg/Kg wet	0.0200		98.5	70-130	3.93	25	
Diethyl Ether	0.0183	0.020	mg/Kg wet	0.0200		91.3	70-130	10.1	25	
Diisopropyl Ether (DIPE)	0.0209	0.0010	mg/Kg wet	0.0200		104	70-130	6.94	25	
1,4-Dioxane	0.196	0.10	mg/Kg wet	0.200		97.8	40-160	5.00	50	† ‡
Ethylbenzene	0.0254	0.0020	mg/Kg wet	0.0200		127	70-130	4.51	25	
Hexachlorobutadiene	0.0246	0.0020	mg/Kg wet	0.0200		123	70-160	7.25	25	
2-Hexanone (MBK)	0.230	0.020	mg/Kg wet	0.200		115	70-160	5.28	25	†
Isopropylbenzene (Cumene)	0.0256	0.0020	mg/Kg wet	0.0200		128	70-130	5.78	25	
p-Isopropyltoluene (p-Cymene)	0.0259	0.0020	mg/Kg wet	0.0200		129	70-130	3.78	25	
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0040	mg/Kg wet	0.0200		100	70-130	5.65	25	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131854 - SW-846 5035

LCS Dup (B131854-BSD1)

Prepared & Analyzed: 09/30/15

Methylene Chloride	0.0232	0.020	mg/Kg wet	0.0200		116	40-160	8.07	25	†
4-Methyl-2-pentanone (MIBK)	0.218	0.020	mg/Kg wet	0.200		109	70-160	6.14	25	†
Naphthalene	0.0202	0.0040	mg/Kg wet	0.0200		101	40-130	9.78	25	†
<b>n-Propylbenzene</b>	0.0263	0.0020	mg/Kg wet	0.0200		<b>132</b> *	70-130	4.50	25	L-07
Styrene	0.0247	0.0020	mg/Kg wet	0.0200		123	70-130	6.45	25	
1,1,1,2-Tetrachloroethane	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	3.05	25	
1,1,2,2-Tetrachloroethane	0.0235	0.0010	mg/Kg wet	0.0200		118	70-130	3.72	25	
Tetrachloroethylene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	4.58	25	
Tetrahydrofuran	0.0200	0.010	mg/Kg wet	0.0200		100	70-130	3.46	25	
Toluene	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	3.86	25	
1,2,3-Trichlorobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130	7.68	25	
1,2,4-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130	6.23	25	
1,3,5-Trichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	7.75	25	
1,1,1-Trichloroethane	0.0249	0.0020	mg/Kg wet	0.0200		125	70-130	8.27	25	
1,1,2-Trichloroethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	2.45	25	
Trichloroethylene	0.0241	0.0020	mg/Kg wet	0.0200		121	70-130	7.92	25	
Trichlorofluoromethane (Freon 11)	0.0217	0.010	mg/Kg wet	0.0200		108	70-130	5.02	25	
1,2,3-Trichloropropane	0.0249	0.0020	mg/Kg wet	0.0200		125	70-130	6.63	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0202	0.010	mg/Kg wet	0.0200		101	70-130	9.56	25	
1,2,4-Trimethylbenzene	0.0250	0.0020	mg/Kg wet	0.0200		125	70-130	4.58	25	
1,3,5-Trimethylbenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	4.56	25	
Vinyl Chloride	0.0164	0.010	mg/Kg wet	0.0200		81.8	40-130	3.74	25	†
m+p Xylene	0.0505	0.0040	mg/Kg wet	0.0400		126	70-130	5.29	25	
o-Xylene	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130	4.72	25	
Surrogate: 1,2-Dichloroethane-d4	0.0539		mg/Kg wet	0.0500		108	70-130			
Surrogate: Toluene-d8	0.0488		mg/Kg wet	0.0500		97.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0523		mg/Kg wet	0.0500		105	70-130			

Batch B131918 - SW-846 5035

Blank (B131918-BLK1)

Prepared & Analyzed: 10/01/15

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							V-05

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131918 - SW-846 5035

Blank (B131918-BLK1)

Prepared & Analyzed: 10/01/15

Chloromethane	ND	0.010	mg/Kg wet							L-04
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131918 - SW-846 5035</b>										
<b>Blank (B131918-BLK1)</b>										
Prepared & Analyzed: 10/01/15										
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0560		mg/Kg wet	0.0500		112	70-130			
Surrogate: Toluene-d8	0.0481		mg/Kg wet	0.0500		96.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.0472		mg/Kg wet	0.0500		94.3	70-130			
<b>LCS (B131918-BS1)</b>										
Prepared & Analyzed: 10/01/15										
Acetone	0.208	0.10	mg/Kg wet	0.200		104	70-160			†
Acrylonitrile	0.0196	0.0060	mg/Kg wet	0.0200		97.9	70-130			
tert-Amyl Methyl Ether (TAME)	0.0167	0.0010	mg/Kg wet	0.0200		83.4	70-130			
Benzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Bromobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130			
Bromochloromethane	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130			
Bromodichloromethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
Bromoform	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130			
Bromomethane	0.00950	0.010	mg/Kg wet	0.0200		47.5	40-130			†
2-Butanone (MEK)	0.202	0.040	mg/Kg wet	0.200		101	70-160			†
tert-Butyl Alcohol (TBA)	0.177	0.040	mg/Kg wet	0.200		88.3	40-130			†
n-Butylbenzene	0.0224	0.0040	mg/Kg wet	0.0200		112	70-130			
sec-Butylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130			
tert-Butylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0176	0.0010	mg/Kg wet	0.0200		88.2	70-130			
Carbon Disulfide	0.0189	0.020	mg/Kg wet	0.0200		94.7	70-130			
Carbon Tetrachloride	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130			
Chlorobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Chlorodibromomethane	0.0189	0.0010	mg/Kg wet	0.0200		94.5	70-130			
Chloroethane	0.0149	0.020	mg/Kg wet	0.0200		74.6	70-130			V-05
Chloroform	0.0213	0.0040	mg/Kg wet	0.0200		107	70-130			
<b>Chloromethane</b>	0.0138	0.010	mg/Kg wet	0.0200		<b>69.0</b>	* 70-130			L-04
2-Chlorotoluene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130			
4-Chlorotoluene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130			
1,2-Dibromoethane (EDB)	0.0215	0.0010	mg/Kg wet	0.0200		108	70-130			
Dibromomethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
1,3-Dichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,4-Dichlorobenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
trans-1,4-Dichloro-2-butene	0.0158	0.0040	mg/Kg wet	0.0200		78.8	70-130			
Dichlorodifluoromethane (Freon 12)	0.0104	0.020	mg/Kg wet	0.0200		52.1	40-160			†
1,1-Dichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,1-Dichloroethylene	0.0190	0.0040	mg/Kg wet	0.0200		95.2	70-130			
cis-1,2-Dichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
trans-1,2-Dichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,2-Dichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
1,3-Dichloropropane	0.0200	0.0010	mg/Kg wet	0.0200		100	70-130			
2,2-Dichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.3	70-130			
1,1-Dichloropropene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
cis-1,3-Dichloropropene	0.0176	0.0010	mg/Kg wet	0.0200		88.2	70-130			
trans-1,3-Dichloropropene	0.0175	0.0010	mg/Kg wet	0.0200		87.3	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131918 - SW-846 5035

LCS (B131918-BS1)

Prepared & Analyzed: 10/01/15

Diethyl Ether	0.0162	0.020	mg/Kg wet	0.0200		80.8	70-130			
Diisopropyl Ether (DIPE)	0.0192	0.0010	mg/Kg wet	0.0200		95.9	70-130			
1,4-Dioxane	0.167	0.10	mg/Kg wet	0.200		83.3	40-160			†
Ethylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
Hexachlorobutadiene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-160			
2-Hexanone (MBK)	0.192	0.020	mg/Kg wet	0.200		96.1	70-160			†
Isopropylbenzene (Cumene)	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130			
p-Isopropyltoluene (p-Cymene)	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0186	0.0040	mg/Kg wet	0.0200		92.8	70-130			
Methylene Chloride	0.0203	0.020	mg/Kg wet	0.0200		101	40-160			†
4-Methyl-2-pentanone (MIBK)	0.189	0.020	mg/Kg wet	0.200		94.5	70-160			†
Naphthalene	0.0152	0.0040	mg/Kg wet	0.0200		76.1	40-130			†
n-Propylbenzene	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130			
Styrene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,1,1,2-Tetrachloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2,2-Tetrachloroethane	0.0213	0.0010	mg/Kg wet	0.0200		106	70-130			
Tetrachloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
Tetrahydrofuran	0.0185	0.010	mg/Kg wet	0.0200		92.4	70-130			
Toluene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2,3-Trichlorobenzene	0.0158	0.0020	mg/Kg wet	0.0200		79.1	70-130			
1,2,4-Trichlorobenzene	0.0157	0.0020	mg/Kg wet	0.0200		78.5	70-130			
1,3,5-Trichlorobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130			
1,1,1-Trichloroethane	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,1,2-Trichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
Trichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
Trichlorofluoromethane (Freon 11)	0.0202	0.010	mg/Kg wet	0.0200		101	70-130			
1,2,3-Trichloropropane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0180	0.010	mg/Kg wet	0.0200		90.1	70-130			
1,2,4-Trimethylbenzene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,3,5-Trimethylbenzene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
Vinyl Chloride	0.0145	0.010	mg/Kg wet	0.0200		72.5	40-130			†
m+p Xylene	0.0448	0.0040	mg/Kg wet	0.0400		112	70-130			
o-Xylene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0541		mg/Kg wet	0.0500		108	70-130			
Surrogate: Toluene-d8	0.0489		mg/Kg wet	0.0500		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.0502		mg/Kg wet	0.0500		100	70-130			

LCS Dup (B131918-BS1)

Prepared & Analyzed: 10/01/15

Acetone	0.176	0.10	mg/Kg wet	0.200		88.1	70-160	16.4	25	†
Acrylonitrile	0.0185	0.0060	mg/Kg wet	0.0200		92.4	70-130	5.78	25	
tert-Amyl Methyl Ether (TAME)	0.0165	0.0010	mg/Kg wet	0.0200		82.5	70-130	1.08	25	
Benzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	2.60	25	
Bromobenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	3.84	25	
Bromochloromethane	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	0.333	25	
Bromodichloromethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	5.83	25	
Bromoform	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130	1.24	25	
Bromomethane	0.00926	0.010	mg/Kg wet	0.0200		46.3	40-130	2.56	25	†
2-Butanone (MEK)	0.186	0.040	mg/Kg wet	0.200		92.8	70-160	8.22	25	†
tert-Butyl Alcohol (TBA)	0.173	0.040	mg/Kg wet	0.200		86.4	40-130	2.14	25	†
n-Butylbenzene	0.0229	0.0040	mg/Kg wet	0.0200		115	70-130	2.12	25	
sec-Butylbenzene	0.0256	0.0020	mg/Kg wet	0.0200		128	70-130	5.21	25	
tert-Butylbenzene	0.0243	0.0020	mg/Kg wet	0.0200		121	70-160	3.01	25	†

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131918 - SW-846 5035</b>										
<b>LCS Dup (B131918-BSD1)</b>										
Prepared & Analyzed: 10/01/15										
tert-Butyl Ethyl Ether (TBEE)	0.0180	0.0010	mg/Kg wet	0.0200		90.0	70-130	2.02	25	
Carbon Disulfide	0.0168	0.020	mg/Kg wet	0.0200		84.1	70-130	11.9	25	
Carbon Tetrachloride	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	0.486	25	
Chlorobenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	3.70	25	
Chlorodibromomethane	0.0194	0.0010	mg/Kg wet	0.0200		96.8	70-130	2.40	25	
Chloroethane	0.0156	0.020	mg/Kg wet	0.0200		78.1	70-130	4.58	25	V-05
Chloroform	0.0218	0.0040	mg/Kg wet	0.0200		109	70-130	2.13	25	
<b>Chloromethane</b>	0.0128	0.010	mg/Kg wet	0.0200		<b>64.1</b>	* 70-130	7.36	25	L-04
2-Chlorotoluene	0.0239	0.0020	mg/Kg wet	0.0200		120	70-130	3.83	25	
4-Chlorotoluene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130	3.21	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130	1.32	25	
1,2-Dibromoethane (EDB)	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130	2.02	25	
Dibromomethane	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	2.17	25	
1,2-Dichlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	4.29	25	
1,3-Dichlorobenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	3.49	25	
1,4-Dichlorobenzene	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	2.17	25	
trans-1,4-Dichloro-2-butene	0.0167	0.0040	mg/Kg wet	0.0200		83.5	70-130	5.79	25	
Dichlorodifluoromethane (Freon 12)	0.00936	0.020	mg/Kg wet	0.0200		46.8	40-160	10.7	25	†
1,1-Dichloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	1.56	25	
1,2-Dichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	8.34	25	
1,1-Dichloroethylene	0.0173	0.0040	mg/Kg wet	0.0200		86.6	70-130	9.46	25	
cis-1,2-Dichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	0.494	25	
trans-1,2-Dichloroethylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	2.90	25	
1,2-Dichloropropane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	0.669	25	
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		98.8	70-130	1.41	25	
2,2-Dichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.7	70-130	1.52	25	
1,1-Dichloropropene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	2.52	25	
cis-1,3-Dichloropropene	0.0181	0.0010	mg/Kg wet	0.0200		90.3	70-130	2.35	25	
trans-1,3-Dichloropropene	0.0181	0.0010	mg/Kg wet	0.0200		90.3	70-130	3.38	25	
Diethyl Ether	0.0151	0.020	mg/Kg wet	0.0200		75.5	70-130	6.78	25	
Diisopropyl Ether (DIPE)	0.0188	0.0010	mg/Kg wet	0.0200		94.2	70-130	1.79	25	
1,4-Dioxane	0.179	0.10	mg/Kg wet	0.200		89.3	40-160	6.93	50	† ‡
Ethylbenzene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	3.54	25	
Hexachlorobutadiene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-160	5.68	25	
2-Hexanone (MBK)	0.187	0.020	mg/Kg wet	0.200		93.5	70-160	2.75	25	†
Isopropylbenzene (Cumene)	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	1.65	25	
p-Isopropyltoluene (p-Cymene)	0.0245	0.0020	mg/Kg wet	0.0200		123	70-130	3.82	25	
Methyl tert-Butyl Ether (MTBE)	0.0183	0.0040	mg/Kg wet	0.0200		91.7	70-130	1.19	25	
Methylene Chloride	0.0189	0.020	mg/Kg wet	0.0200		94.5	40-160	7.04	25	†
4-Methyl-2-pentanone (MIBK)	0.189	0.020	mg/Kg wet	0.200		94.3	70-160	0.180	25	†
Naphthalene	0.0167	0.0040	mg/Kg wet	0.0200		83.7	40-130	9.51	25	†
n-Propylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	3.16	25	
Styrene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	4.01	25	
1,1,1,2-Tetrachloroethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	3.35	25	
1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130	2.32	25	
Tetrachloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	0.0995	25	
Tetrahydrofuran	0.0202	0.010	mg/Kg wet	0.0200		101	70-130	8.79	25	
Toluene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130	2.19	25	
1,2,3-Trichlorobenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130	7.54	25	
1,2,4-Trichlorobenzene	0.0165	0.0020	mg/Kg wet	0.0200		82.4	70-130	4.85	25	
1,3,5-Trichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-130	4.23	25	
1,1,1-Trichloroethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	1.77	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131918 - SW-846 5035</b>										
<b>LCS Dup (B131918-BSD1)</b>										
Prepared & Analyzed: 10/01/15										
1,1,2-Trichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	0.853	25	
Trichloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	2.76	25	
Trichlorofluoromethane (Freon 11)	0.0188	0.010	mg/Kg wet	0.0200		94.0	70-130	6.98	25	
1,2,3-Trichloropropane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	3.81	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0173	0.010	mg/Kg wet	0.0200		86.7	70-130	3.85	25	
1,2,4-Trimethylbenzene	0.0239	0.0020	mg/Kg wet	0.0200		119	70-130	2.72	25	
1,3,5-Trimethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.10	25	
Vinyl Chloride	0.0142	0.010	mg/Kg wet	0.0200		71.0	40-130	2.09	25	†
m+p Xylene	0.0463	0.0040	mg/Kg wet	0.0400		116	70-130	3.38	25	
o-Xylene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	3.53	25	
Surrogate: 1,2-Dichloroethane-d4	0.0523		mg/Kg wet	0.0500		105	70-130			
Surrogate: Toluene-d8	0.0479		mg/Kg wet	0.0500		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.0505		mg/Kg wet	0.0500		101	70-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131689 - SW-846 3546

Blank (B131689-BLK1)

Prepared: 09/28/15 Analyzed: 09/30/15

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							V-20
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							L-04
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131689 - SW-846 3546

Blank (B131689-BLK1)

Prepared: 09/28/15 Analyzed: 09/30/15

2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.22		mg/Kg wet	6.67		63.3	30-130			
Surrogate: Phenol-d6	4.18		mg/Kg wet	6.67		62.7	30-130			
Surrogate: Nitrobenzene-d5	1.86		mg/Kg wet	3.33		55.9	30-130			
Surrogate: 2-Fluorobiphenyl	2.58		mg/Kg wet	3.33		77.4	30-130			
Surrogate: 2,4,6-Tribromophenol	5.51		mg/Kg wet	6.67		82.7	30-130			
Surrogate: p-Terphenyl-d14	3.37		mg/Kg wet	3.33		101	30-130			

LCS (B131689-BS1)

Prepared: 09/28/15 Analyzed: 09/30/15

Acenaphthene	1.13	0.17	mg/Kg wet	1.67		68.0	40-140			
Acenaphthylene	1.07	0.17	mg/Kg wet	1.67		64.0	40-140			
Acetophenone	0.745	0.34	mg/Kg wet	1.67		44.7	40-140			
Aniline	0.531	0.34	mg/Kg wet	1.67		31.8	10-140			†
Anthracene	1.14	0.17	mg/Kg wet	1.67		68.1	40-140			
Benzidine	1.00	0.66	mg/Kg wet	1.67		60.2	40-140			V-04, V-05
Benzo(a)anthracene	1.18	0.17	mg/Kg wet	1.67		71.0	40-140			
Benzo(a)pyrene	1.17	0.17	mg/Kg wet	1.67		70.4	40-140			
Benzo(b)fluoranthene	1.13	0.17	mg/Kg wet	1.67		68.0	40-140			
Benzo(g,h,i)perylene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140			
Benzo(k)fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.9	40-140			
Benzoic Acid	0.780	1.0	mg/Kg wet	1.67		46.8	30-130			
Bis(2-chloroethoxy)methane	0.922	0.34	mg/Kg wet	1.67		55.3	40-140			
Bis(2-chloroethyl)ether	0.840	0.34	mg/Kg wet	1.67		50.4	40-140			
Bis(2-chloroisopropyl)ether	0.740	0.34	mg/Kg wet	1.67		44.4	40-140			
Bis(2-Ethylhexyl)phthalate	1.48	0.34	mg/Kg wet	1.67		88.9	40-140			
4-Bromophenylphenylether	1.25	0.34	mg/Kg wet	1.67		74.9	40-140			
Butylbenzylphthalate	1.31	0.34	mg/Kg wet	1.67		78.6	40-140			
Carbazole	1.12	0.17	mg/Kg wet	1.67		67.3	40-140			
4-Chloroaniline	0.666	0.66	mg/Kg wet	1.67		40.0	10-140			†
4-Chloro-3-methylphenol	1.05	0.66	mg/Kg wet	1.67		63.3	30-130			
2-Chloronaphthalene	1.01	0.34	mg/Kg wet	1.67		60.4	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>LCS (B131689-BS1)</b>										
					Prepared: 09/28/15 Analyzed: 09/30/15					
2-Chlorophenol	0.889	0.34	mg/Kg wet	1.67		53.4	30-130			
4-Chlorophenylphenylether	1.19	0.34	mg/Kg wet	1.67		71.5	40-140			
Chrysene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140			
Dibenz(a,h)anthracene	1.23	0.17	mg/Kg wet	1.67		73.6	40-140			
Dibenzofuran	1.11	0.34	mg/Kg wet	1.67		66.8	40-140			
Di-n-butylphthalate	1.24	0.34	mg/Kg wet	1.67		74.2	40-140			
1,2-Dichlorobenzene	0.730	0.34	mg/Kg wet	1.67		43.8	40-140			
1,3-Dichlorobenzene	0.703	0.34	mg/Kg wet	1.67		42.2	40-140			
1,4-Dichlorobenzene	0.701	0.34	mg/Kg wet	1.67		42.1	40-140			
3,3-Dichlorobenzidine	0.889	0.17	mg/Kg wet	1.67		53.3	20-140			†
2,4-Dichlorophenol	1.02	0.34	mg/Kg wet	1.67		61.4	30-130			
Diethylphthalate	1.23	0.34	mg/Kg wet	1.67		74.0	40-140			
2,4-Dimethylphenol	1.01	0.34	mg/Kg wet	1.67		60.5	30-130			
Dimethylphthalate	1.22	0.34	mg/Kg wet	1.67		73.1	40-140			
4,6-Dinitro-2-methylphenol	1.03	0.34	mg/Kg wet	1.67		61.9	30-130			
2,4-Dinitrophenol	0.741	0.66	mg/Kg wet	1.67		44.4	30-130			
2,4-Dinitrotoluene	1.14	0.34	mg/Kg wet	1.67		68.5	40-140			
2,6-Dinitrotoluene	1.24	0.34	mg/Kg wet	1.67		74.4	40-140			
Di-n-octylphthalate	1.58	0.34	mg/Kg wet	1.67		95.0	40-140			V-06
1,2-Diphenylhydrazine (as Azobenzene)	1.12	0.34	mg/Kg wet	1.67		66.9	40-140			
Fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.5	40-140			
Fluorene	1.12	0.17	mg/Kg wet	1.67		67.5	40-140			
Hexachlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.2	40-140			
Hexachlorobutadiene	0.812	0.34	mg/Kg wet	1.67		48.7	40-140			
<b>Hexachlorocyclopentadiene</b>	0.606	0.34	mg/Kg wet	1.67		<b>36.4</b>	* 40-140			L-04
Hexachloroethane	0.721	0.34	mg/Kg wet	1.67		43.3	40-140			
Indeno(1,2,3-cd)pyrene	1.19	0.17	mg/Kg wet	1.67		71.3	40-140			
Isophorone	0.917	0.34	mg/Kg wet	1.67		55.0	40-140			
1-Methylnaphthalene	0.846	0.17	mg/Kg wet	1.67		50.8	40-140			
2-Methylnaphthalene	0.929	0.17	mg/Kg wet	1.67		55.7	40-140			
2-Methylphenol	0.887	0.34	mg/Kg wet	1.67		53.2	30-130			
3/4-Methylphenol	0.894	0.34	mg/Kg wet	1.67		53.6	30-130			
Naphthalene	0.807	0.17	mg/Kg wet	1.67		48.4	40-140			
2-Nitroaniline	1.08	0.34	mg/Kg wet	1.67		64.8	40-140			
3-Nitroaniline	1.08	0.34	mg/Kg wet	1.67		64.8	30-140			†
4-Nitroaniline	1.14	0.34	mg/Kg wet	1.67		68.2	40-140			
Nitrobenzene	0.779	0.34	mg/Kg wet	1.67		46.7	40-140			
2-Nitrophenol	0.893	0.34	mg/Kg wet	1.67		53.6	30-130			
4-Nitrophenol	1.10	0.66	mg/Kg wet	1.67		66.2	30-130			
<b>N-Nitrosodimethylamine</b>	0.645	0.34	mg/Kg wet	1.67		<b>38.7</b>	* 40-140			L-07
N-Nitrosodiphenylamine	1.43	0.34	mg/Kg wet	1.67		85.9	40-140			
N-Nitrosodi-n-propylamine	0.783	0.34	mg/Kg wet	1.67		47.0	40-140			
Pentachloronitrobenzene	1.11	0.34	mg/Kg wet	1.67		66.7	40-140			V-16
Pentachlorophenol	0.979	0.34	mg/Kg wet	1.67		58.8	30-130			
Phenanthrene	1.15	0.17	mg/Kg wet	1.67		68.8	40-140			
Phenol	0.893	0.34	mg/Kg wet	1.67		53.6	30-130			
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.6	40-140			
Pyridine	0.542	0.34	mg/Kg wet	1.67		32.5	30-140			†
1,2,4,5-Tetrachlorobenzene	0.961	0.34	mg/Kg wet	1.67		57.7	40-140			
1,2,4-Trichlorobenzene	0.816	0.34	mg/Kg wet	1.67		49.0	40-140			
2,4,5-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.6	30-130			
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.6	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131689 - SW-846 3546

LCS (B131689-BS1)

Prepared: 09/28/15 Analyzed: 09/30/15

Surrogate: 2-Fluorophenol	3.71		mg/Kg wet	6.67		55.6	30-130			
Surrogate: Phenol-d6	3.82		mg/Kg wet	6.67		57.4	30-130			
Surrogate: Nitrobenzene-d5	1.70		mg/Kg wet	3.33		51.0	30-130			
Surrogate: 2-Fluorobiphenyl	2.42		mg/Kg wet	3.33		72.7	30-130			
Surrogate: 2,4,6-Tribromophenol	5.25		mg/Kg wet	6.67		78.8	30-130			
Surrogate: p-Terphenyl-d14	2.68		mg/Kg wet	3.33		80.4	30-130			

LCS Dup (B131689-BSD1)

Prepared: 09/28/15 Analyzed: 09/30/15

Acenaphthene	0.965	0.17	mg/Kg wet	1.67		57.9	40-140	16.1	30	
Acenaphthylene	0.936	0.17	mg/Kg wet	1.67		56.2	40-140	13.0	30	
Acetophenone	0.770	0.34	mg/Kg wet	1.67		46.2	40-140	3.26	30	
Aniline	0.555	0.34	mg/Kg wet	1.67		33.3	10-140	4.54	50	† ‡
Anthracene	0.963	0.17	mg/Kg wet	1.67		57.8	40-140	16.4	30	
Benzidine	0.940	0.66	mg/Kg wet	1.67		56.4	40-140	6.62	30	V-04, V-05
Benzo(a)anthracene	0.997	0.17	mg/Kg wet	1.67		59.8	40-140	17.1	30	
Benzo(a)pyrene	0.987	0.17	mg/Kg wet	1.67		59.2	40-140	17.3	30	
Benzo(b)fluoranthene	0.960	0.17	mg/Kg wet	1.67		57.6	40-140	16.6	30	
Benzo(g,h,i)perylene	0.973	0.17	mg/Kg wet	1.67		58.4	40-140	15.1	30	
Benzo(k)fluoranthene	0.970	0.17	mg/Kg wet	1.67		58.2	40-140	18.2	30	
Benzoic Acid	0.681	1.0	mg/Kg wet	1.67		40.9	30-130	13.5	50	‡
Bis(2-chloroethoxy)methane	0.896	0.34	mg/Kg wet	1.67		53.7	40-140	2.86	30	
Bis(2-chloroethyl)ether	0.922	0.34	mg/Kg wet	1.67		55.3	40-140	9.31	30	
Bis(2-chloroisopropyl)ether	0.812	0.34	mg/Kg wet	1.67		48.7	40-140	9.32	30	
Bis(2-Ethylhexyl)phthalate	1.23	0.34	mg/Kg wet	1.67		73.7	40-140	18.6	30	
4-Bromophenylphenylether	1.11	0.34	mg/Kg wet	1.67		66.6	40-140	11.7	30	
Butylbenzylphthalate	1.12	0.34	mg/Kg wet	1.67		67.2	40-140	15.7	30	
Carbazole	0.948	0.17	mg/Kg wet	1.67		56.9	40-140	16.7	30	
4-Chloroaniline	0.660	0.66	mg/Kg wet	1.67		39.6	10-140	0.905	30	†
4-Chloro-3-methylphenol	0.918	0.66	mg/Kg wet	1.67		55.1	30-130	13.8	30	
2-Chloronaphthalene	0.811	0.34	mg/Kg wet	1.67		48.6	40-140	21.6	30	
2-Chlorophenol	0.919	0.34	mg/Kg wet	1.67		55.1	30-130	3.28	30	
4-Chlorophenylphenylether	1.02	0.34	mg/Kg wet	1.67		61.0	40-140	15.9	30	
Chrysene	0.943	0.17	mg/Kg wet	1.67		56.6	40-140	17.5	30	
Dibenz(a,h)anthracene	1.06	0.17	mg/Kg wet	1.67		63.4	40-140	14.8	30	
Dibenzofuran	0.942	0.34	mg/Kg wet	1.67		56.5	40-140	16.7	30	
Di-n-butylphthalate	1.04	0.34	mg/Kg wet	1.67		62.1	40-140	17.7	30	
1,2-Dichlorobenzene	0.834	0.34	mg/Kg wet	1.67		50.0	40-140	13.3	30	
1,3-Dichlorobenzene	0.806	0.34	mg/Kg wet	1.67		48.4	40-140	13.7	30	
1,4-Dichlorobenzene	0.810	0.34	mg/Kg wet	1.67		48.6	40-140	14.4	30	
3,3-Dichlorobenzidine	0.802	0.17	mg/Kg wet	1.67		48.1	20-140	10.3	50	† ‡
2,4-Dichlorophenol	0.958	0.34	mg/Kg wet	1.67		57.5	30-130	6.63	30	
Diethylphthalate	1.02	0.34	mg/Kg wet	1.67		61.0	40-140	19.2	30	
2,4-Dimethylphenol	0.955	0.34	mg/Kg wet	1.67		57.3	30-130	5.37	30	
Dimethylphthalate	1.03	0.34	mg/Kg wet	1.67		61.6	40-140	17.0	30	
4,6-Dinitro-2-methylphenol	0.906	0.34	mg/Kg wet	1.67		54.4	30-130	12.9	30	
2,4-Dinitrophenol	0.674	0.66	mg/Kg wet	1.67		40.4	30-130	9.47	30	
2,4-Dinitrotoluene	0.951	0.34	mg/Kg wet	1.67		57.1	40-140	18.2	30	
2,6-Dinitrotoluene	1.06	0.34	mg/Kg wet	1.67		63.9	40-140	15.3	30	
Di-n-octylphthalate	1.31	0.34	mg/Kg wet	1.67		78.4	40-140	19.1	30	V-06
1,2-Diphenylhydrazine (as Azobenzene)	0.968	0.34	mg/Kg wet	1.67		58.1	40-140	14.1	30	
Fluoranthene	0.964	0.17	mg/Kg wet	1.67		57.8	40-140	18.3	30	
Fluorene	0.952	0.17	mg/Kg wet	1.67		57.1	40-140	16.6	30	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>LCS Dup (B131689-BSD1)</b>										
					Prepared: 09/28/15 Analyzed: 09/30/15					
Hexachlorobenzene	0.970	0.34	mg/Kg wet	1.67		58.2	40-140	15.9	30	
Hexachlorobutadiene	0.889	0.34	mg/Kg wet	1.67		53.3	40-140	8.98	30	
<b>Hexachlorocyclopentadiene</b>	0.609	0.34	mg/Kg wet	1.67		<b>36.6</b>	* 40-140	0.494	30	L-04
Hexachloroethane	0.829	0.34	mg/Kg wet	1.67		49.7	40-140	13.9	30	
Indeno(1,2,3-cd)pyrene	1.02	0.17	mg/Kg wet	1.67		61.3	40-140	15.0	30	
Isophorone	0.900	0.34	mg/Kg wet	1.67		54.0	40-140	1.87	30	
1-Methylnaphthalene	0.808	0.17	mg/Kg wet	1.67		48.5	40-140	4.59	30	
2-Methylnaphthalene	0.900	0.17	mg/Kg wet	1.67		54.0	40-140	3.17	30	
2-Methylphenol	0.863	0.34	mg/Kg wet	1.67		51.8	30-130	2.78	30	
3/4-Methylphenol	0.854	0.34	mg/Kg wet	1.67		51.3	30-130	4.50	30	
Naphthalene	0.832	0.17	mg/Kg wet	1.67		49.9	40-140	3.09	30	
2-Nitroaniline	0.918	0.34	mg/Kg wet	1.67		55.1	40-140	16.2	30	
3-Nitroaniline	0.920	0.34	mg/Kg wet	1.67		55.2	30-140	15.9	30	†
4-Nitroaniline	0.911	0.34	mg/Kg wet	1.67		54.6	40-140	22.1	30	
Nitrobenzene	0.820	0.34	mg/Kg wet	1.67		49.2	40-140	5.09	30	
2-Nitrophenol	0.918	0.34	mg/Kg wet	1.67		55.1	30-130	2.69	30	
4-Nitrophenol	0.900	0.66	mg/Kg wet	1.67		54.0	30-130	20.2	50	‡
N-Nitrosodimethylamine	0.772	0.34	mg/Kg wet	1.67		46.3	40-140	17.9	30	
N-Nitrosodiphenylamine	1.26	0.34	mg/Kg wet	1.67		75.7	40-140	12.6	30	
N-Nitrosodi-n-propylamine	0.812	0.34	mg/Kg wet	1.67		48.7	40-140	3.68	30	
Pentachloronitrobenzene	0.966	0.34	mg/Kg wet	1.67		58.0	40-140	14.0	30	V-16
Pentachlorophenol	0.791	0.34	mg/Kg wet	1.67		47.5	30-130	21.3	30	
Phenanthrene	0.975	0.17	mg/Kg wet	1.67		58.5	40-140	16.2	30	
Phenol	0.850	0.34	mg/Kg wet	1.67		51.0	30-130	4.90	30	
Pyrene	0.975	0.17	mg/Kg wet	1.67		58.5	40-140	15.8	30	
Pyridine	0.633	0.34	mg/Kg wet	1.67		38.0	30-140	15.5	30	†
1,2,4,5-Tetrachlorobenzene	0.913	0.34	mg/Kg wet	1.67		54.8	40-140	5.16	30	
1,2,4-Trichlorobenzene	0.882	0.34	mg/Kg wet	1.67		52.9	40-140	7.74	30	
2,4,5-Trichlorophenol	1.01	0.34	mg/Kg wet	1.67		60.8	30-130	19.0	30	
2,4,6-Trichlorophenol	1.05	0.34	mg/Kg wet	1.67		63.1	30-130	15.3	30	
Surrogate: 2-Fluorophenol	4.00		mg/Kg wet	6.67		59.9	30-130			
Surrogate: Phenol-d6	3.82		mg/Kg wet	6.67		57.3	30-130			
Surrogate: Nitrobenzene-d5	1.79		mg/Kg wet	3.33		53.8	30-130			
Surrogate: 2-Fluorobiphenyl	2.17		mg/Kg wet	3.33		65.0	30-130			
Surrogate: 2,4,6-Tribromophenol	4.33		mg/Kg wet	6.67		65.0	30-130			
Surrogate: p-Terphenyl-d14	2.26		mg/Kg wet	3.33		67.7	30-130			
<b>Matrix Spike (B131689-MS1)</b>										
					Source: 151129-03 Prepared: 09/28/15 Analyzed: 09/30/15					
<b>Acenaphthene</b>	1.62	0.20	mg/Kg dry	1.99	0.951	<b>33.6</b>	* 40-140			MS-22
Acenaphthylene	1.28	0.20	mg/Kg dry	1.99	ND	63.9	40-140			
Acetophenone	1.05	0.41	mg/Kg dry	1.99	ND	52.8	40-140			
<b>Aniline</b>	0.747	0.41	mg/Kg dry	1.99	ND	<b>37.4</b>	* 40-140			MS-09
<b>Anthracene</b>	2.27	0.20	mg/Kg dry	1.99	3.95	<b>-84.3</b>	* 40-140			MS-09
<b>Benzidine</b>	ND	0.79	mg/Kg dry	1.99	ND	*	40-140			MS-09, V-04, V-05
<b>Benzo(a)anthracene</b>	4.25	0.20	mg/Kg dry	1.99	11.5	<b>-364</b>	* 40-140			MS-09
<b>Benzo(a)pyrene</b>	3.61	0.20	mg/Kg dry	1.99	8.06	<b>-223</b>	* 40-140			MS-09
<b>Benzo(b)fluoranthene</b>	4.25	0.20	mg/Kg dry	1.99	10.9	<b>-333</b>	* 40-140			MS-09
<b>Benzo(g,h,i)perylene</b>	2.61	0.20	mg/Kg dry	1.99	3.84	<b>-61.9</b>	* 40-140			MS-09
<b>Benzo(k)fluoranthene</b>	2.45	0.20	mg/Kg dry	1.99	3.96	<b>-75.7</b>	* 40-140			MS-09
Benzoic Acid	1.24	1.2	mg/Kg dry	1.99	ND	62.2	40-140			
Bis(2-chloroethoxy)methane	1.21	0.41	mg/Kg dry	1.99	ND	60.8	40-140			
Bis(2-chloroethyl)ether	1.21	0.41	mg/Kg dry	1.99	ND	60.8	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike (B131689-MS1)</b>	<b>Source: 1511129-03</b>			Prepared: 09/28/15 Analyzed: 09/30/15						
Bis(2-chloroisopropyl)ether	1.06	0.41	mg/Kg dry	1.99	ND	53.4	40-140			
Bis(2-Ethylhexyl)phthalate	1.61	0.41	mg/Kg dry	1.99	ND	80.7	40-140			
4-Bromophenylphenylether	1.40	0.41	mg/Kg dry	1.99	ND	70.4	40-140			
Butylbenzylphthalate	1.45	0.41	mg/Kg dry	1.99	ND	72.5	40-140			
Carbazole	1.60	0.20	mg/Kg dry	1.99	0.663	47.1	40-140			
4-Chloroaniline	0.953	0.79	mg/Kg dry	1.99	ND	47.8	40-140			
4-Chloro-3-methylphenol	1.24	0.79	mg/Kg dry	1.99	ND	62.0	30-130			
2-Chloronaphthalene	1.23	0.41	mg/Kg dry	1.99	ND	61.5	40-140			
2-Chlorophenol	1.23	0.41	mg/Kg dry	1.99	ND	61.6	30-130			
4-Chlorophenylphenylether	1.33	0.41	mg/Kg dry	1.99	ND	66.9	40-140			
<b>Chrysene</b>	3.73	0.20	mg/Kg dry	1.99	9.72	<b>-300</b> *	40-140			MS-09
<b>Dibenz(a,h)anthracene</b>	1.71	0.20	mg/Kg dry	1.99	1.44	<b>13.5</b> *	40-140			MS-09
Dibenzofuran	1.49	0.41	mg/Kg dry	1.99	0.620	43.5	40-140			
Di-n-butylphthalate	1.45	0.41	mg/Kg dry	1.99	ND	72.6	40-140			
1,2-Dichlorobenzene	1.07	0.41	mg/Kg dry	1.99	ND	53.4	40-140			
1,3-Dichlorobenzene	1.02	0.41	mg/Kg dry	1.99	ND	51.0	40-140			
1,4-Dichlorobenzene	1.05	0.41	mg/Kg dry	1.99	ND	52.7	40-140			
3,3-Dichlorobenzidine	1.32	0.20	mg/Kg dry	1.99	ND	66.1	40-140			
2,4-Dichlorophenol	1.27	0.41	mg/Kg dry	1.99	ND	63.5	30-130			
Diethylphthalate	1.36	0.41	mg/Kg dry	1.99	ND	68.0	40-140			
2,4-Dimethylphenol	1.28	0.41	mg/Kg dry	1.99	ND	64.3	30-130			
Dimethylphthalate	1.36	0.41	mg/Kg dry	1.99	ND	68.3	40-140			
4,6-Dinitro-2-methylphenol	1.31	0.41	mg/Kg dry	1.99	ND	65.4	30-130			
2,4-Dinitrophenol	1.35	0.79	mg/Kg dry	1.99	ND	67.8	30-130			
2,4-Dinitrotoluene	1.26	0.41	mg/Kg dry	1.99	ND	63.0	40-140			
2,6-Dinitrotoluene	1.37	0.41	mg/Kg dry	1.99	ND	68.5	40-140			
Di-n-octylphthalate	1.76	0.41	mg/Kg dry	1.99	ND	88.3	40-140			V-06
1,2-Diphenylhydrazine (as Azobenzene)	1.28	0.41	mg/Kg dry	1.99	ND	64.0	40-140			
<b>Fluoranthene</b>	8.11	0.20	mg/Kg dry	1.99	22.2	<b>-704</b> *	40-140			E, MS-09
<b>Fluorene</b>	1.74	0.20	mg/Kg dry	1.99	1.44	<b>14.6</b> *	40-140			MS-09
Hexachlorobenzene	1.29	0.41	mg/Kg dry	1.99	ND	64.5	40-140			
Hexachlorobutadiene	1.15	0.41	mg/Kg dry	1.99	ND	57.8	40-140			
Hexachlorocyclopentadiene	0.885	0.41	mg/Kg dry	1.99	ND	44.4	30-130			
Hexachloroethane	1.08	0.41	mg/Kg dry	1.99	ND	54.2	40-140			
<b>Indeno(1,2,3-cd)pyrene</b>	2.87	0.20	mg/Kg dry	1.99	4.68	<b>-90.4</b> *	40-140			MS-09
Isophorone	1.22	0.41	mg/Kg dry	1.99	ND	61.1	40-140			
1-Methylnaphthalene	1.14	0.20	mg/Kg dry	1.99	0.108	51.7	40-140			
2-Methylnaphthalene	1.26	0.20	mg/Kg dry	1.99	0.141	56.2	40-140			
2-Methylphenol	1.17	0.41	mg/Kg dry	1.99	ND	58.8	30-130			
3/4-Methylphenol	1.15	0.41	mg/Kg dry	1.99	ND	57.7	30-130			
Naphthalene	1.25	0.20	mg/Kg dry	1.99	0.289	48.0	40-140			
2-Nitroaniline	1.20	0.41	mg/Kg dry	1.99	ND	60.2	40-140			
3-Nitroaniline	1.22	0.41	mg/Kg dry	1.99	ND	61.3	40-140			
4-Nitroaniline	1.19	0.41	mg/Kg dry	1.99	ND	59.9	40-140			
Nitrobenzene	1.08	0.41	mg/Kg dry	1.99	ND	54.0	40-140			
2-Nitrophenol	1.21	0.41	mg/Kg dry	1.99	ND	60.7	30-130			
4-Nitrophenol	1.23	0.79	mg/Kg dry	1.99	ND	61.8	30-130			
N-Nitrosodimethylamine	1.02	0.41	mg/Kg dry	1.99	ND	50.9	40-140			
N-Nitrosodiphenylamine	1.65	0.41	mg/Kg dry	1.99	ND	82.5	40-140			
N-Nitrosodi-n-propylamine	1.10	0.41	mg/Kg dry	1.99	ND	55.1	40-140			
Pentachloronitrobenzene	1.21	0.41	mg/Kg dry	1.99	ND	60.8	40-140			V-16
Pentachlorophenol	1.11	0.41	mg/Kg dry	1.99	ND	55.5	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike (B131689-MS1)</b>	<b>Source: 15I1129-03</b>			Prepared: 09/28/15 Analyzed: 09/30/15						
Phenanthrene	4.86	0.20	mg/Kg dry	1.99	12.5	-385 *	40-140			MS-09, E
Phenol	1.21	0.41	mg/Kg dry	1.99	ND	60.6	30-130			
Pyrene	6.30	0.20	mg/Kg dry	1.99	18.2	-595 *	40-140			E, MS-09
Pyridine	0.851	0.41	mg/Kg dry	1.99	ND	42.6	40-140			
1,2,4,5-Tetrachlorobenzene	1.20	0.41	mg/Kg dry	1.99	ND	60.4	40-140			
1,2,4-Trichlorobenzene	1.15	0.41	mg/Kg dry	1.99	ND	57.5	40-140			
2,4,5-Trichlorophenol	1.37	0.41	mg/Kg dry	1.99	ND	68.5	30-130			
2,4,6-Trichlorophenol	1.38	0.41	mg/Kg dry	1.99	ND	69.3	30-130			
Surrogate: 2-Fluorophenol	5.19		mg/Kg dry	7.98		65.1	30-130			
Surrogate: Phenol-d6	5.04		mg/Kg dry	7.98		63.2	30-130			
Surrogate: Nitrobenzene-d5	2.34		mg/Kg dry	3.99		58.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.87		mg/Kg dry	3.99		71.8	30-130			
Surrogate: 2,4,6-Tribromophenol	5.59		mg/Kg dry	7.98		70.1	30-130			
Surrogate: p-Terphenyl-d14	2.93		mg/Kg dry	3.99		73.3	30-130			
<b>Matrix Spike (B131689-MS2)</b>	<b>Source: 15I1129-09</b>			Prepared: 09/28/15 Analyzed: 09/30/15						
Acenaphthene	2.89	0.33	mg/Kg dry	3.27	0.326	78.2	40-140			
Acenaphthylene	2.50	0.33	mg/Kg dry	3.27	0.118	72.7	40-140			
Acetophenone	1.94	0.67	mg/Kg dry	3.27	ND	59.4	40-140			
Aniline	1.28	0.67	mg/Kg dry	3.27	ND	39.2 *	40-140			MS-09
Anthracene	2.91	0.33	mg/Kg dry	3.27	0.449	75.0	40-140			
Benzidine	ND	1.3	mg/Kg dry	3.27	ND	*	40-140			MS-09, V-04, V-05
Benzo(a)anthracene	3.91	0.33	mg/Kg dry	3.27	1.45	75.4	40-140			
Benzo(a)pyrene	3.71	0.33	mg/Kg dry	3.27	1.35	72.1	40-140			
Benzo(b)fluoranthene	4.08	0.33	mg/Kg dry	3.27	1.76	70.7	40-140			
Benzo(g,h,i)perylene	2.86	0.33	mg/Kg dry	3.27	0.881	60.4	40-140			
Benzo(k)fluoranthene	3.06	0.33	mg/Kg dry	3.27	0.665	73.0	40-140			
<b>Benzoic Acid</b>	0.922	2.0	mg/Kg dry	3.27	ND	28.2 *	40-140			MS-09
Bis(2-chloroethoxy)methane	2.37	0.67	mg/Kg dry	3.27	ND	72.4	40-140			
Bis(2-chloroethyl)ether	2.17	0.67	mg/Kg dry	3.27	ND	66.2	40-140			
Bis(2-chloroisopropyl)ether	2.00	0.67	mg/Kg dry	3.27	ND	61.2	40-140			
Bis(2-Ethylhexyl)phthalate	3.82	0.67	mg/Kg dry	3.27	0.528	100	40-140			
4-Bromophenylphenylether	2.72	0.67	mg/Kg dry	3.27	ND	83.1	40-140			
Butylbenzylphthalate	3.05	0.67	mg/Kg dry	3.27	ND	93.3	40-140			
Carbazole	2.72	0.33	mg/Kg dry	3.27	0.307	73.6	40-140			
4-Chloroaniline	1.65	1.3	mg/Kg dry	3.27	ND	50.4	40-140			
4-Chloro-3-methylphenol	2.35	1.3	mg/Kg dry	3.27	ND	71.6	30-130			
2-Chloronaphthalene	2.34	0.67	mg/Kg dry	3.27	ND	71.6	40-140			
2-Chlorophenol	2.29	0.67	mg/Kg dry	3.27	ND	70.1	30-130			
4-Chlorophenylphenylether	2.64	0.67	mg/Kg dry	3.27	ND	80.7	40-140			
Chrysene	3.80	0.33	mg/Kg dry	3.27	1.55	68.7	40-140			
Dibenz(a,h)anthracene	2.39	0.33	mg/Kg dry	3.27	0.249	65.5	40-140			
Dibenzofuran	2.59	0.67	mg/Kg dry	3.27	0.164	74.0	40-140			
Di-n-butylphthalate	2.78	0.67	mg/Kg dry	3.27	ND	85.0	40-140			
1,2-Dichlorobenzene	1.94	0.67	mg/Kg dry	3.27	ND	59.1	40-140			
1,3-Dichlorobenzene	1.81	0.67	mg/Kg dry	3.27	ND	55.4	40-140			
1,4-Dichlorobenzene	1.85	0.67	mg/Kg dry	3.27	ND	56.5	40-140			
3,3-Dichlorobenzidine	1.90	0.33	mg/Kg dry	3.27	ND	58.1	40-140			
2,4-Dichlorophenol	2.44	0.67	mg/Kg dry	3.27	ND	74.6	30-130			
Diethylphthalate	2.66	0.67	mg/Kg dry	3.27	ND	81.3	40-140			
2,4-Dimethylphenol	2.45	0.67	mg/Kg dry	3.27	ND	74.8	30-130			
Dimethylphthalate	2.63	0.67	mg/Kg dry	3.27	ND	80.3	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike (B131689-MS2)</b>	<b>Source: 1511129-09</b>			Prepared: 09/28/15 Analyzed: 09/30/15						
4,6-Dinitro-2-methylphenol	2.20	0.67	mg/Kg dry	3.27	ND	67.2	30-130			
2,4-Dinitrophenol	2.17	1.3	mg/Kg dry	3.27	ND	66.2	30-130			
2,4-Dinitrotoluene	2.51	0.67	mg/Kg dry	3.27	ND	76.7	40-140			
2,6-Dinitrotoluene	2.72	0.67	mg/Kg dry	3.27	ND	83.1	40-140			
Di-n-octylphthalate	3.47	0.67	mg/Kg dry	3.27	ND	106	40-140			V-06
1,2-Diphenylhydrazine (as Azobenzene)	2.34	0.67	mg/Kg dry	3.27	ND	71.4	40-140			
Fluoranthene	6.21	0.33	mg/Kg dry	3.27	3.54	81.5	40-140			
Fluorene	2.78	0.33	mg/Kg dry	3.27	0.253	77.0	40-140			
Hexachlorobenzene	2.43	0.67	mg/Kg dry	3.27	ND	74.3	40-140			
Hexachlorobutadiene	2.37	0.67	mg/Kg dry	3.27	ND	72.2	40-140			
<b>Hexachlorocyclopentadiene</b>	0.504	0.67	mg/Kg dry	3.27	ND	<b>15.4</b> *	30-130			MS-09
Hexachloroethane	1.82	0.67	mg/Kg dry	3.27	ND	55.4	40-140			
Indeno(1,2,3-cd)pyrene	3.12	0.33	mg/Kg dry	3.27	0.912	67.3	40-140			
Isophorone	2.40	0.67	mg/Kg dry	3.27	0.141	69.0	40-140			
1-Methylnaphthalene	2.25	0.33	mg/Kg dry	3.27	ND	68.6	40-140			
2-Methylnaphthalene	2.48	0.33	mg/Kg dry	3.27	0.150	71.1	40-140			
2-Methylphenol	2.17	0.67	mg/Kg dry	3.27	ND	66.4	30-130			
3/4-Methylphenol	2.53	0.67	mg/Kg dry	3.27	1.04	45.6	30-130			
Naphthalene	2.43	0.33	mg/Kg dry	3.27	0.327	64.1	40-140			
2-Nitroaniline	2.23	0.67	mg/Kg dry	3.27	ND	68.0	40-140			
3-Nitroaniline	2.15	0.67	mg/Kg dry	3.27	ND	65.6	40-140			
4-Nitroaniline	2.07	0.67	mg/Kg dry	3.27	ND	63.1	40-140			
Nitrobenzene	2.04	0.67	mg/Kg dry	3.27	ND	62.4	40-140			
2-Nitrophenol	2.27	0.67	mg/Kg dry	3.27	ND	69.5	30-130			
4-Nitrophenol	2.45	1.3	mg/Kg dry	3.27	ND	74.7	30-130			
N-Nitrosodimethylamine	1.52	0.67	mg/Kg dry	3.27	ND	46.4	40-140			
N-Nitrosodiphenylamine	3.08	0.67	mg/Kg dry	3.27	ND	94.0	40-140			
N-Nitrosodi-n-propylamine	2.01	0.67	mg/Kg dry	3.27	ND	61.3	40-140			
Pentachloronitrobenzene	2.46	0.67	mg/Kg dry	3.27	ND	75.3	40-140			V-16
Pentachlorophenol	2.18	0.67	mg/Kg dry	3.27	ND	66.5	30-130			
Phenanthrene	5.04	0.33	mg/Kg dry	3.27	2.42	80.1	40-140			
Phenol	2.28	0.67	mg/Kg dry	3.27	ND	69.6	30-130			
Pyrene	5.67	0.33	mg/Kg dry	3.27	3.11	78.1	40-140			
<b>Pyridine</b>	1.20	0.67	mg/Kg dry	3.27	ND	<b>36.6</b> *	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	2.41	0.67	mg/Kg dry	3.27	ND	73.6	40-140			
1,2,4-Trichlorobenzene	2.30	0.67	mg/Kg dry	3.27	ND	70.3	40-140			
2,4,5-Trichlorophenol	2.68	0.67	mg/Kg dry	3.27	ND	81.7	30-130			
2,4,6-Trichlorophenol	2.62	0.67	mg/Kg dry	3.27	ND	80.0	30-130			
Surrogate: 2-Fluorophenol	9.53		mg/Kg dry	13.1		72.8	30-130			
Surrogate: Phenol-d6	9.52		mg/Kg dry	13.1		72.7	30-130			
Surrogate: Nitrobenzene-d5	4.38		mg/Kg dry	6.55		66.9	30-130			
Surrogate: 2-Fluorobiphenyl	5.61		mg/Kg dry	6.55		85.7	30-130			
Surrogate: 2,4,6-Tribromophenol	11.4		mg/Kg dry	13.1		87.3	30-130			
Surrogate: p-Terphenyl-d14	5.85		mg/Kg dry	6.55		89.4	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike (B131689-MS3)</b>	<b>Source: 1511129-26</b>			Prepared: 09/28/15 Analyzed: 09/30/15						
Acenaphthene	1.10	2.6	mg/Kg dry	2.51	ND	43.8	40-140			
Acenaphthylene	0.994	2.6	mg/Kg dry	2.51	ND	39.6	* 40-140			MS-19
Acetophenone	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Aniline	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Anthracene	1.04	2.6	mg/Kg dry	2.51	ND	41.4	40-140			
Benzidine	ND	9.9	mg/Kg dry	2.51	ND	*	40-140			MS-19, V-04, V-05
Benzo(a)anthracene	1.46	2.6	mg/Kg dry	2.51	ND	58.0	40-140			
Benzo(a)pyrene	1.50	2.6	mg/Kg dry	2.51	ND	59.6	40-140			
Benzo(b)fluoranthene	1.39	2.6	mg/Kg dry	2.51	ND	55.4	40-140			
Benzo(g,h,i)perylene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140			MS-19
Benzo(k)fluoranthene	1.23	2.6	mg/Kg dry	2.51	ND	49.0	40-140			
Benzoic Acid	ND	15	mg/Kg dry	2.51	ND	*	40-140			MS-19
Bis(2-chloroethoxy)methane	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Bis(2-chloroethyl)ether	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Bis(2-chloroisopropyl)ether	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Bis(2-Ethylhexyl)phthalate	16.1	5.1	mg/Kg dry	2.51	15.9	8.80	* 40-140			MS-09
4-Bromophenylphenylether	1.07	5.1	mg/Kg dry	2.51	ND	42.6	40-140			
Butylbenzylphthalate	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Carbazole	0.948	2.6	mg/Kg dry	2.51	ND	37.8	* 40-140			MS-19
4-Chloroaniline	ND	9.9	mg/Kg dry	2.51	ND	*	40-140			MS-19
4-Chloro-3-methylphenol	ND	9.9	mg/Kg dry	2.51	ND	*	30-130			MS-19
2-Chloronaphthalene	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
2-Chlorophenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
4-Chlorophenylphenylether	1.19	5.1	mg/Kg dry	2.51	ND	47.6	40-140			
Chrysene	1.90	2.6	mg/Kg dry	2.51	1.08	32.4	* 40-140			MS-19
Dibenz(a,h)anthracene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140			MS-19
Dibenzofuran	1.02	5.1	mg/Kg dry	2.51	ND	40.6	40-140			
Di-n-butylphthalate	1.20	5.1	mg/Kg dry	2.51	ND	48.0	40-140			
1,2-Dichlorobenzene	0.913	5.1	mg/Kg dry	2.51	ND	36.4	* 40-140			MS-19
1,3-Dichlorobenzene	0.969	5.1	mg/Kg dry	2.51	ND	38.6	* 40-140			MS-19
1,4-Dichlorobenzene	0.948	5.1	mg/Kg dry	2.51	ND	37.8	* 40-140			MS-19
3,3-Dichlorobenzidine	ND	2.6	mg/Kg dry	2.51	ND	*	40-140			MS-19
2,4-Dichlorophenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
Diethylphthalate	1.06	5.1	mg/Kg dry	2.51	ND	42.4	40-140			
2,4-Dimethylphenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
Dimethylphthalate	0.959	5.1	mg/Kg dry	2.51	ND	38.2	* 40-140			MS-19
4,6-Dinitro-2-methylphenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
2,4-Dinitrophenol	ND	9.9	mg/Kg dry	2.51	ND	*	30-130			MS-19
2,4-Dinitrotoluene	0.893	5.1	mg/Kg dry	2.51	ND	35.6	* 40-140			MS-19
2,6-Dinitrotoluene	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Di-n-octylphthalate	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19, V-06
1,2-Diphenylhydrazine (as Azobenzene)	0.898	5.1	mg/Kg dry	2.51	ND	35.8	* 40-140			MS-19
Fluoranthene	1.59	2.6	mg/Kg dry	2.51	ND	63.2	40-140			
Fluorene	1.10	2.6	mg/Kg dry	2.51	ND	43.8	40-140			
Hexachlorobenzene	1.08	5.1	mg/Kg dry	2.51	ND	43.2	40-140			
Hexachlorobutadiene	0.999	5.1	mg/Kg dry	2.51	ND	39.8	* 40-140			MS-19
Hexachlorocyclopentadiene	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
Hexachloroethane	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Indeno(1,2,3-cd)pyrene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140			MS-19
Isophorone	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
1-Methylnaphthalene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140			MS-19
2-Methylnaphthalene	1.02	2.6	mg/Kg dry	2.51	ND	40.6	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike (B131689-MS3)</b>										
		<b>Source: 1511129-26</b>			Prepared: 09/28/15 Analyzed: 09/30/15					
2-Methylphenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
3/4-Methylphenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
Naphthalene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140			MS-19
2-Nitroaniline	0.969	5.1	mg/Kg dry	2.51	ND	<b>38.6</b>	* 40-140			MS-19
3-Nitroaniline	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
4-Nitroaniline	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Nitrobenzene	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
2-Nitrophenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
4-Nitrophenol	ND	9.9	mg/Kg dry	2.51	ND	*	30-130			MS-19
N-Nitrosodimethylamine	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
N-Nitrosodiphenylamine	1.77	5.1	mg/Kg dry	2.51	ND	70.4	40-140			
N-Nitrosodi-n-propylamine	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
Pentachloronitrobenzene	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19, V-16
Pentachlorophenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
Phenanthrene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140			MS-19
Phenol	1.01	5.1	mg/Kg dry	2.51	ND	40.2	30-130			
Pyrene	2.29	2.6	mg/Kg dry	2.51	0.948	53.4	40-140			
Pyridine	ND	5.1	mg/Kg dry	2.51	ND	*	40-140			MS-19
1,2,4,5-Tetrachlorobenzene	0.989	5.1	mg/Kg dry	2.51	ND	<b>39.4</b>	* 40-140			MS-19
1,2,4-Trichlorobenzene	0.994	5.1	mg/Kg dry	2.51	ND	<b>39.6</b>	* 40-140			MS-19
2,4,5-Trichlorophenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130			MS-19
2,4,6-Trichlorophenol	1.05	5.1	mg/Kg dry	2.51	ND	42.0	30-130			
Surrogate: 2-Fluorophenol	3.40		mg/Kg dry	10.0		33.8	30-130			
Surrogate: Phenol-d6	3.31		mg/Kg dry	10.0		32.9	30-130			
Surrogate: Nitrobenzene-d5	1.74		mg/Kg dry	5.02		34.6	30-130			
Surrogate: 2-Fluorobiphenyl	2.15		mg/Kg dry	5.02		42.8	30-130			
Surrogate: 2,4,6-Tribromophenol	4.17		mg/Kg dry	10.0		41.5	30-130			
Surrogate: p-Terphenyl-d14	2.54		mg/Kg dry	5.02		50.6	30-130			
<b>Matrix Spike Dup (B131689-MSD1)</b>										
		<b>Source: 1511129-03</b>			Prepared: 09/28/15 Analyzed: 09/30/15					
Acenaphthene	1.79	0.20	mg/Kg dry	1.99	0.951	41.9	40-140	9.65	30	
Acenaphthylene	1.38	0.20	mg/Kg dry	1.99	ND	69.4	40-140	8.22	30	
Acetophenone	1.10	0.41	mg/Kg dry	1.99	ND	55.0	40-140	4.12	30	
Aniline	0.778	0.41	mg/Kg dry	1.99	ND	<b>39.0</b>	* 40-140	4.13	30	MS-09
Anthracene	2.45	0.20	mg/Kg dry	1.99	3.95	<b>-75.1</b>	* 40-140	7.76	30	MS-09
Benzidine	ND	0.79	mg/Kg dry	1.99	ND	*	40-140		30	MS-09, V-04, V-05
Benzo(a)anthracene	5.23	0.20	mg/Kg dry	1.99	11.5	<b>-314</b>	* 40-140	20.8	30	E, MS-09
Benzo(a)pyrene	4.15	0.20	mg/Kg dry	1.99	8.06	<b>-196</b>	* 40-140	14.0	30	MS-09
Benzo(b)fluoranthene	4.96	0.20	mg/Kg dry	1.99	10.9	<b>-297</b>	* 40-140	15.6	30	E, MS-09
Benzo(g,h,i)perylene	2.87	0.20	mg/Kg dry	1.99	3.84	<b>-48.7</b>	* 40-140	9.59	30	MS-09
Benzo(k)fluoranthene	2.86	0.20	mg/Kg dry	1.99	3.96	<b>-55.0</b>	* 40-140	15.5	30	MS-09
Benzoic Acid	1.34	1.2	mg/Kg dry	1.99	ND	67.1	40-140	7.55	30	
Bis(2-chloroethoxy)methane	1.28	0.41	mg/Kg dry	1.99	ND	63.9	40-140	5.07	30	
Bis(2-chloroethyl)ether	1.25	0.41	mg/Kg dry	1.99	ND	62.7	40-140	3.11	30	
Bis(2-chloroisopropyl)ether	1.07	0.41	mg/Kg dry	1.99	ND	53.4	40-140	0.0749	30	
Bis(2-Ethylhexyl)phthalate	1.65	0.41	mg/Kg dry	1.99	ND	82.7	40-140	2.37	30	
4-Bromophenylphenylether	1.55	0.41	mg/Kg dry	1.99	ND	77.8	40-140	9.93	30	
Butylbenzylphthalate	1.55	0.41	mg/Kg dry	1.99	ND	77.6	40-140	6.72	30	
Carbazole	1.75	0.20	mg/Kg dry	1.99	0.663	54.5	40-140	8.80	30	
4-Chloroaniline	1.04	0.79	mg/Kg dry	1.99	ND	52.0	40-140	8.42	30	
4-Chloro-3-methylphenol	1.33	0.79	mg/Kg dry	1.99	ND	66.9	30-130	7.54	30	
2-Chloronaphthalene	1.34	0.41	mg/Kg dry	1.99	ND	67.2	40-140	8.86	30	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike Dup (B131689-MSD1)</b>										
		<b>Source: 1511129-03</b>			Prepared: 09/28/15 Analyzed: 09/30/15					
2-Chlorophenol	1.32	0.41	mg/Kg dry	1.99	ND	66.3	30-130	7.44	30	
4-Chlorophenylphenylether	1.47	0.41	mg/Kg dry	1.99	ND	73.9	40-140	10.0	30	
<b>Chrysene</b>	4.73	0.20	mg/Kg dry	1.99	9.72	<b>-250</b> *	40-140	23.7	30	MS-09
<b>Dibenz(a,h)anthracene</b>	1.86	0.20	mg/Kg dry	1.99	1.44	<b>21.2</b> *	40-140	8.57	30	MS-09
Dibenzofuran	1.64	0.41	mg/Kg dry	1.99	0.620	51.3	40-140	9.94	30	
Di-n-butylphthalate	1.51	0.41	mg/Kg dry	1.99	ND	75.6	40-140	4.08	30	
1,2-Dichlorobenzene	1.08	0.41	mg/Kg dry	1.99	ND	54.3	40-140	1.71	30	
1,3-Dichlorobenzene	1.04	0.41	mg/Kg dry	1.99	ND	52.2	40-140	2.29	30	
1,4-Dichlorobenzene	1.03	0.41	mg/Kg dry	1.99	ND	51.7	40-140	1.99	30	
3,3-Dichlorobenzidine	1.40	0.20	mg/Kg dry	1.99	ND	70.0	40-140	5.67	30	
2,4-Dichlorophenol	1.37	0.41	mg/Kg dry	1.99	ND	68.7	30-130	7.90	30	
Diethylphthalate	1.47	0.41	mg/Kg dry	1.99	ND	73.8	40-140	8.24	30	
2,4-Dimethylphenol	1.34	0.41	mg/Kg dry	1.99	ND	67.3	30-130	4.53	30	
Dimethylphthalate	1.49	0.41	mg/Kg dry	1.99	ND	74.5	40-140	8.60	30	
4,6-Dinitro-2-methylphenol	1.39	0.41	mg/Kg dry	1.99	ND	69.6	30-130	6.13	30	
2,4-Dinitrophenol	1.49	0.79	mg/Kg dry	1.99	ND	74.5	30-130	9.30	30	
2,4-Dinitrotoluene	1.39	0.41	mg/Kg dry	1.99	ND	69.8	40-140	10.2	30	
2,6-Dinitrotoluene	1.53	0.41	mg/Kg dry	1.99	ND	76.6	40-140	11.2	30	
Di-n-octylphthalate	1.79	0.41	mg/Kg dry	1.99	ND	89.9	40-140	1.79	30	V-06
1,2-Diphenylhydrazine (as Azobenzene)	1.33	0.41	mg/Kg dry	1.99	ND	66.6	40-140	4.01	30	
<b>Fluoranthene</b>	10.3	0.20	mg/Kg dry	1.99	22.2	<b>-594</b> *	40-140	23.8	30	E, MS-09
<b>Fluorene</b>	1.84	0.20	mg/Kg dry	1.99	1.44	<b>20.0</b> *	40-140	6.06	30	MS-09
Hexachlorobenzene	1.39	0.41	mg/Kg dry	1.99	ND	69.5	40-140	7.49	30	
Hexachlorobutadiene	1.24	0.41	mg/Kg dry	1.99	ND	62.4	40-140	7.65	30	
Hexachlorocyclopentadiene	0.935	0.41	mg/Kg dry	1.99	ND	46.9	30-130	5.44	30	
Hexachloroethane	1.06	0.41	mg/Kg dry	1.99	ND	53.2	40-140	1.79	30	
<b>Indeno(1,2,3-cd)pyrene</b>	3.22	0.20	mg/Kg dry	1.99	4.68	<b>-73.0</b> *	40-140	11.4	30	MS-09
Isophorone	1.26	0.41	mg/Kg dry	1.99	ND	63.2	40-140	3.38	30	
1-Methylnaphthalene	1.26	0.20	mg/Kg dry	1.99	0.108	57.6	40-140	9.89	30	
2-Methylnaphthalene	1.41	0.20	mg/Kg dry	1.99	0.141	63.4	40-140	10.8	30	
2-Methylphenol	1.24	0.41	mg/Kg dry	1.99	ND	62.1	30-130	5.56	30	
3/4-Methylphenol	1.23	0.41	mg/Kg dry	1.99	ND	61.7	30-130	6.77	30	
Naphthalene	1.39	0.20	mg/Kg dry	1.99	0.289	55.4	40-140	11.2	30	
2-Nitroaniline	1.27	0.41	mg/Kg dry	1.99	ND	63.6	40-140	5.49	30	
3-Nitroaniline	1.35	0.41	mg/Kg dry	1.99	ND	67.5	40-140	9.63	30	
4-Nitroaniline	1.29	0.41	mg/Kg dry	1.99	ND	64.5	40-140	7.40	30	
Nitrobenzene	1.13	0.41	mg/Kg dry	1.99	ND	56.4	40-140	4.46	30	
2-Nitrophenol	1.31	0.41	mg/Kg dry	1.99	ND	65.6	30-130	7.73	30	
4-Nitrophenol	1.30	0.79	mg/Kg dry	1.99	ND	65.0	30-130	4.95	30	
N-Nitrosodimethylamine	0.945	0.41	mg/Kg dry	1.99	ND	47.4	40-140	7.28	30	
N-Nitrosodiphenylamine	1.77	0.41	mg/Kg dry	1.99	ND	88.9	40-140	7.44	30	
N-Nitrosodi-n-propylamine	1.12	0.41	mg/Kg dry	1.99	ND	56.3	40-140	2.19	30	
Pentachloronitrobenzene	1.38	0.41	mg/Kg dry	1.99	ND	69.2	40-140	12.9	30	V-16
Pentachlorophenol	1.23	0.41	mg/Kg dry	1.99	ND	61.5	30-130	10.3	30	
<b>Phenanthrene</b>	5.25	0.20	mg/Kg dry	1.99	12.5	<b>-365</b> *	40-140	7.80	30	E, MS-09
Phenol	1.28	0.41	mg/Kg dry	1.99	ND	64.4	30-130	6.15	30	
<b>Pyrene</b>	7.99	0.20	mg/Kg dry	1.99	18.2	<b>-510</b> *	40-140	23.7	30	MS-09, E
Pyridine	0.810	0.41	mg/Kg dry	1.99	ND	40.6	40-140	4.90	30	
1,2,4,5-Tetrachlorobenzene	1.34	0.41	mg/Kg dry	1.99	ND	67.0	40-140	10.4	30	
1,2,4-Trichlorobenzene	1.25	0.41	mg/Kg dry	1.99	ND	62.7	40-140	8.75	30	
2,4,5-Trichlorophenol	1.47	0.41	mg/Kg dry	1.99	ND	73.5	30-130	6.99	30	
2,4,6-Trichlorophenol	1.51	0.41	mg/Kg dry	1.99	ND	75.7	30-130	8.80	30	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike Dup (B131689-MSD1) Source: 15I1129-03 Prepared: 09/28/15 Analyzed: 09/30/15</b>										
Surrogate: 2-Fluorophenol	5.51		mg/Kg dry	7.98		69.1	30-130			
Surrogate: Phenol-d6	5.39		mg/Kg dry	7.98		67.6	30-130			
Surrogate: Nitrobenzene-d5	2.49		mg/Kg dry	3.99		62.4	30-130			
Surrogate: 2-Fluorobiphenyl	3.10		mg/Kg dry	3.99		77.8	30-130			
Surrogate: 2,4,6-Tribromophenol	6.38		mg/Kg dry	7.98		80.0	30-130			
Surrogate: p-Terphenyl-d14	3.21		mg/Kg dry	3.99		80.3	30-130			
<b>Matrix Spike Dup (B131689-MSD2) Source: 15I1129-09 Prepared: 09/28/15 Analyzed: 09/30/15</b>										
Acenaphthene	2.71	0.33	mg/Kg dry	3.27	0.326	72.8	40-140	6.23	30	
Acenaphthylene	2.09	0.33	mg/Kg dry	3.27	0.118	60.2	40-140	17.8	30	
Acetophenone	1.51	0.67	mg/Kg dry	3.27	ND	46.2	40-140	24.9	30	
<b>Aniline</b>	1.17	0.67	mg/Kg dry	3.27	ND	<b>35.6</b>	* 40-140	9.57	30	MS-09
Anthracene	2.89	0.33	mg/Kg dry	3.27	0.449	74.5	40-140	0.633	30	
<b>Benzidine</b>	ND	1.3	mg/Kg dry	3.27	ND	*	40-140		30	MS-09, V-04, V-05
Benzo(a)anthracene	4.22	0.33	mg/Kg dry	3.27	1.45	84.6	40-140	7.47	30	
Benzo(a)pyrene	3.74	0.33	mg/Kg dry	3.27	1.35	73.2	40-140	0.932	30	
Benzo(b)fluoranthene	4.29	0.33	mg/Kg dry	3.27	1.76	77.3	40-140	5.13	30	
Benzo(g,h,i)perylene	2.74	0.33	mg/Kg dry	3.27	0.881	56.9	40-140	4.11	30	
Benzo(k)fluoranthene	2.91	0.33	mg/Kg dry	3.27	0.665	68.5	40-140	4.92	30	
<b>Benzoic Acid</b>	1.07	2.0	mg/Kg dry	3.27	ND	<b>32.7</b>	* 40-140	15.0	30	MS-09
Bis(2-chloroethoxy)methane	1.86	0.67	mg/Kg dry	3.27	ND	56.7	40-140	24.3	30	
Bis(2-chloroethyl)ether	1.72	0.67	mg/Kg dry	3.27	ND	52.5	40-140	23.0	30	
Bis(2-chloroisopropyl)ether	1.56	0.67	mg/Kg dry	3.27	ND	47.8	40-140	24.7	30	
Bis(2-Ethylhexyl)phthalate	3.07	0.67	mg/Kg dry	3.27	0.528	77.6	40-140	21.7	30	
4-Bromophenylphenylether	2.27	0.67	mg/Kg dry	3.27	ND	69.4	40-140	17.9	30	
Butylbenzylphthalate	2.67	0.67	mg/Kg dry	3.27	ND	81.4	40-140	13.6	30	
Carbazole	2.77	0.33	mg/Kg dry	3.27	0.307	75.1	40-140	1.72	30	
4-Chloroaniline	1.57	1.3	mg/Kg dry	3.27	ND	48.1	40-140	4.71	30	
4-Chloro-3-methylphenol	2.04	1.3	mg/Kg dry	3.27	ND	62.4	30-130	13.8	30	
2-Chloronaphthalene	1.87	0.67	mg/Kg dry	3.27	ND	57.2	40-140	22.4	30	
2-Chlorophenol	1.81	0.67	mg/Kg dry	3.27	ND	55.3	30-130	23.5	30	
4-Chlorophenylphenylether	2.25	0.67	mg/Kg dry	3.27	ND	68.6	40-140	16.3	30	
Chrysene	4.08	0.33	mg/Kg dry	3.27	1.55	77.1	40-140	7.02	30	
Dibenz(a,h)anthracene	2.13	0.33	mg/Kg dry	3.27	0.249	57.4	40-140	11.7	30	
Dibenzofuran	2.40	0.67	mg/Kg dry	3.27	0.164	68.2	40-140	7.70	30	
Di-n-butylphthalate	2.46	0.67	mg/Kg dry	3.27	ND	75.1	40-140	12.3	30	
1,2-Dichlorobenzene	1.50	0.67	mg/Kg dry	3.27	ND	45.8	40-140	25.4	30	
1,3-Dichlorobenzene	1.39	0.67	mg/Kg dry	3.27	ND	42.4	40-140	26.4	30	
1,4-Dichlorobenzene	1.43	0.67	mg/Kg dry	3.27	ND	43.7	40-140	25.4	30	
3,3-Dichlorobenzidine	1.96	0.33	mg/Kg dry	3.27	ND	59.9	40-140	2.98	30	
2,4-Dichlorophenol	2.03	0.67	mg/Kg dry	3.27	ND	62.1	30-130	18.3	30	
Diethylphthalate	2.34	0.67	mg/Kg dry	3.27	ND	71.5	40-140	12.8	30	
2,4-Dimethylphenol	2.03	0.67	mg/Kg dry	3.27	ND	61.9	30-130	18.8	30	
Dimethylphthalate	2.26	0.67	mg/Kg dry	3.27	ND	69.0	40-140	15.1	30	
4,6-Dinitro-2-methylphenol	1.90	0.67	mg/Kg dry	3.27	ND	58.1	30-130	14.4	30	
2,4-Dinitrophenol	1.97	1.3	mg/Kg dry	3.27	ND	60.3	30-130	9.33	30	
2,4-Dinitrotoluene	2.18	0.67	mg/Kg dry	3.27	ND	66.6	40-140	14.1	30	
2,6-Dinitrotoluene	2.31	0.67	mg/Kg dry	3.27	ND	70.6	40-140	16.3	30	
Di-n-octylphthalate	3.05	0.67	mg/Kg dry	3.27	ND	93.2	40-140	12.8	30	V-06
1,2-Diphenylhydrazine (as Azobenzene)	1.96	0.67	mg/Kg dry	3.27	ND	59.9	40-140	17.5	30	
<b>Fluoranthene</b>	8.39	0.33	mg/Kg dry	3.27	3.54	<b>148</b>	* 40-140	29.9	30	E, MS-22
Fluorene	2.65	0.33	mg/Kg dry	3.27	0.253	73.2	40-140	4.66	30	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike Dup (B131689-MSD2)</b>										
		<b>Source: 1511129-09</b>			Prepared: 09/28/15 Analyzed: 09/30/15					
Hexachlorobenzene	2.04	0.67	mg/Kg dry	3.27	ND	62.4	40-140	17.4	30	
Hexachlorobutadiene	1.82	0.67	mg/Kg dry	3.27	ND	55.7	40-140	25.8	30	
<b>Hexachlorocyclopentadiene</b>	0.462	0.67	mg/Kg dry	3.27	ND	<b>14.1</b>	* 30-130	8.68	30	MS-09
Hexachloroethane	1.37	0.67	mg/Kg dry	3.27	ND	41.9	40-140	27.8	30	
Indeno(1,2,3-cd)pyrene	3.02	0.33	mg/Kg dry	3.27	0.912	64.5	40-140	2.96	30	
Isophorone	1.93	0.67	mg/Kg dry	3.27	0.141	54.6	40-140	21.8	30	
1-Methylnaphthalene	1.82	0.33	mg/Kg dry	3.27	ND	55.5	40-140	21.1	30	
2-Methylnaphthalene	2.04	0.33	mg/Kg dry	3.27	0.150	57.7	40-140	19.4	30	
2-Methylphenol	1.77	0.67	mg/Kg dry	3.27	ND	54.2	30-130	20.3	30	
3/4-Methylphenol	2.09	0.67	mg/Kg dry	3.27	1.04	31.9	30-130	19.3	30	
Naphthalene	2.03	0.33	mg/Kg dry	3.27	0.327	52.2	40-140	17.5	30	
2-Nitroaniline	2.02	0.67	mg/Kg dry	3.27	ND	61.8	40-140	9.59	30	
3-Nitroaniline	2.01	0.67	mg/Kg dry	3.27	ND	61.4	40-140	6.61	30	
4-Nitroaniline	2.03	0.67	mg/Kg dry	3.27	ND	62.0	40-140	1.85	30	
Nitrobenzene	1.62	0.67	mg/Kg dry	3.27	ND	49.4	40-140	23.3	30	
2-Nitrophenol	1.82	0.67	mg/Kg dry	3.27	ND	55.6	30-130	22.2	30	
4-Nitrophenol	2.26	1.3	mg/Kg dry	3.27	ND	69.1	30-130	7.87	30	
<b>N-Nitrosodimethylamine</b>	1.24	0.67	mg/Kg dry	3.27	ND	<b>37.8</b>	* 40-140	20.3	30	MS-22
N-Nitrosodiphenylamine	2.63	0.67	mg/Kg dry	3.27	ND	80.3	40-140	15.8	30	
N-Nitrosodi-n-propylamine	1.58	0.67	mg/Kg dry	3.27	ND	48.3	40-140	23.8	30	
Pentachloronitrobenzene	2.14	0.67	mg/Kg dry	3.27	ND	65.4	40-140	14.0	30	V-16
Pentachlorophenol	1.90	0.67	mg/Kg dry	3.27	ND	58.1	30-130	13.5	30	
<b>Phenanthrene</b>	7.16	0.33	mg/Kg dry	3.27	2.42	<b>145</b>	* 40-140	<b>34.7</b>	* 30	MS-23
Phenol	1.74	0.67	mg/Kg dry	3.27	ND	53.0	30-130	27.1	30	
Pyrene	7.13	0.33	mg/Kg dry	3.27	3.11	123	40-140	22.8	30	
<b>Pyridine</b>	0.941	0.67	mg/Kg dry	3.27	ND	<b>28.7</b>	* 40-140	24.1	30	MS-09
1,2,4,5-Tetrachlorobenzene	1.96	0.67	mg/Kg dry	3.27	ND	59.8	40-140	20.8	30	
1,2,4-Trichlorobenzene	1.79	0.67	mg/Kg dry	3.27	ND	54.7	40-140	24.8	30	
2,4,5-Trichlorophenol	2.31	0.67	mg/Kg dry	3.27	ND	70.6	30-130	14.7	30	
2,4,6-Trichlorophenol	2.27	0.67	mg/Kg dry	3.27	ND	69.2	30-130	14.4	30	
Surrogate: 2-Fluorophenol	7.31		mg/Kg dry	13.1		55.8	30-130			
Surrogate: Phenol-d6	7.44		mg/Kg dry	13.1		56.8	30-130			
Surrogate: Nitrobenzene-d5	3.44		mg/Kg dry	6.55		52.6	30-130			
Surrogate: 2-Fluorobiphenyl	4.31		mg/Kg dry	6.55		65.9	30-130			
Surrogate: 2,4,6-Tribromophenol	9.82		mg/Kg dry	13.1		75.0	30-130			
Surrogate: p-Terphenyl-d14	4.81		mg/Kg dry	6.55		73.4	30-130			
<b>Matrix Spike Dup (B131689-MSD3)</b>										
		<b>Source: 1511129-26</b>			Prepared: 09/28/15 Analyzed: 09/30/15					
Acenaphthene	1.14	2.6	mg/Kg dry	2.51	ND	45.6	40-140	4.03	30	
Acenaphthylene	1.06	2.6	mg/Kg dry	2.51	ND	42.2	40-140	6.36	30	
Acetophenone	1.03	5.1	mg/Kg dry	2.51	ND	41.0	40-140		30	
<b>Aniline</b>	ND	5.1	mg/Kg dry	2.51	ND	*	40-140	NC	30	MS-19
Anthracene	1.07	2.6	mg/Kg dry	2.51	ND	42.8	40-140	3.33	30	
<b>Benidine</b>	ND	9.9	mg/Kg dry	2.51	ND	*	40-140	NC	30	MS-19, V-04, V-05
Benzo(a)anthracene	1.49	2.6	mg/Kg dry	2.51	ND	59.4	40-140	2.39	30	
Benzo(a)pyrene	1.62	2.6	mg/Kg dry	2.51	ND	64.4	40-140	7.74	30	
Benzo(b)fluoranthene	1.45	2.6	mg/Kg dry	2.51	ND	57.6	40-140	3.89	30	
Benzo(g,h,i)perylene	1.25	2.6	mg/Kg dry	2.51	ND	50.0	40-140		30	
Benzo(k)fluoranthene	1.23	2.6	mg/Kg dry	2.51	ND	49.0	40-140	0.00	30	
<b>Benzoic Acid</b>	ND	15	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
Bis(2-chloroethoxy)methane	1.03	5.1	mg/Kg dry	2.51	ND	41.0	40-140		30	
Bis(2-chloroethyl)ether	1.11	5.1	mg/Kg dry	2.51	ND	44.2	40-140		30	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131689 - SW-846 3546</b>										
<b>Matrix Spike Dup (B131689-MSD3)</b>										
		<b>Source: 1511129-26</b>			Prepared: 09/28/15 Analyzed: 09/30/15					
Bis(2-chloroisopropyl)ether	ND	5.1	mg/Kg dry	2.51	ND	*	40-140	30		MS-19
Bis(2-Ethylhexyl)phthalate	16.4	5.1	mg/Kg dry	2.51	15.9	20.8	* 40-140	1.86	30	MS-09
4-Bromophenylphenylether	1.25	5.1	mg/Kg dry	2.51	ND	49.8	40-140	15.6	30	
Butylbenzylphthalate	ND	5.1	mg/Kg dry	2.51	ND	*	40-140	NC	30	MS-19
Carbazole	1.07	2.6	mg/Kg dry	2.51	ND	42.8	40-140	12.4	30	
4-Chloroaniline	ND	9.9	mg/Kg dry	2.51	ND	*	40-140	NC	30	MS-19
4-Chloro-3-methylphenol	ND	9.9	mg/Kg dry	2.51	ND	*	30-130		30	MS-19
2-Chloronaphthalene	ND	5.1	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
2-Chlorophenol	1.01	5.1	mg/Kg dry	2.51	ND	40.2	30-130		30	
4-Chlorophenylphenylether	1.28	5.1	mg/Kg dry	2.51	ND	51.0	40-140	6.90	30	
Chrysene	1.92	2.6	mg/Kg dry	2.51	1.08	33.2	* 40-140	1.05	30	MS-19
Dibenz(a,h)anthracene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
Dibenzofuran	1.12	5.1	mg/Kg dry	2.51	ND	44.6	40-140	9.39	30	
Di-n-butylphthalate	1.40	5.1	mg/Kg dry	2.51	ND	55.8	40-140	15.0	30	
1,2-Dichlorobenzene	0.959	5.1	mg/Kg dry	2.51	ND	38.2	* 40-140	4.83	30	MS-19
1,3-Dichlorobenzene	0.969	5.1	mg/Kg dry	2.51	ND	38.6	* 40-140	0.00	30	MS-19
1,4-Dichlorobenzene	0.969	5.1	mg/Kg dry	2.51	ND	38.6	* 40-140	2.09	30	MS-19
3,3-Dichlorobenzidine	ND	2.6	mg/Kg dry	2.51	ND	*	40-140	NC	30	MS-19
2,4-Dichlorophenol	1.07	5.1	mg/Kg dry	2.51	ND	42.6	30-130		30	
Diethylphthalate	1.16	5.1	mg/Kg dry	2.51	ND	46.2	40-140	8.58	30	
2,4-Dimethylphenol	1.15	5.1	mg/Kg dry	2.51	ND	45.8	30-130		30	
Dimethylphthalate	1.13	5.1	mg/Kg dry	2.51	ND	45.2	40-140	16.8	30	
4,6-Dinitro-2-methylphenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130		30	MS-19
2,4-Dinitrophenol	ND	9.9	mg/Kg dry	2.51	ND	*	30-130	NC	30	MS-19
2,4-Dinitrotoluene	1.20	5.1	mg/Kg dry	2.51	ND	47.8	40-140	29.3	30	
2,6-Dinitrotoluene	1.04	5.1	mg/Kg dry	2.51	ND	41.6	40-140		30	
Di-n-octylphthalate	ND	5.1	mg/Kg dry	2.51	ND	*	40-140	NC	30	MS-19, V-06
1,2-Diphenylhydrazine (as Azobenzene)	0.994	5.1	mg/Kg dry	2.51	ND	39.6	* 40-140	10.1	30	MS-19
Fluoranthene	1.68	2.6	mg/Kg dry	2.51	ND	67.0	40-140	5.84	30	
Fluorene	1.17	2.6	mg/Kg dry	2.51	ND	46.6	40-140	6.19	30	
Hexachlorobenzene	1.05	5.1	mg/Kg dry	2.51	ND	42.0	40-140	2.82	30	
Hexachlorobutadiene	1.08	5.1	mg/Kg dry	2.51	ND	43.0	40-140	7.73	30	
Hexachlorocyclopentadiene	ND	5.1	mg/Kg dry	2.51	ND	*	30-130	NC	30	MS-19
Hexachloroethane	ND	5.1	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
Indeno(1,2,3-cd)pyrene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
Isophorone	1.10	5.1	mg/Kg dry	2.51	ND	43.8	40-140		30	
1-Methylnaphthalene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
2-Methylnaphthalene	1.15	2.6	mg/Kg dry	2.51	ND	46.0	40-140	12.5	30	
2-Methylphenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130		30	MS-19
3/4-Methylphenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130		30	MS-19
Naphthalene	ND	2.6	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
2-Nitroaniline	1.12	5.1	mg/Kg dry	2.51	ND	44.8	40-140	14.9	30	
3-Nitroaniline	0.838	5.1	mg/Kg dry	2.51	ND	33.4	* 40-140		30	MS-19
4-Nitroaniline	1.00	5.1	mg/Kg dry	2.51	ND	40.0	40-140		30	
Nitrobenzene	ND	5.1	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
2-Nitrophenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130		30	MS-19
4-Nitrophenol	ND	9.9	mg/Kg dry	2.51	ND	*	30-130		30	MS-19
N-Nitrosodimethylamine	ND	5.1	mg/Kg dry	2.51	ND	*	40-140	NC	30	MS-19
N-Nitrosodiphenylamine	1.52	5.1	mg/Kg dry	2.51	ND	60.6	40-140	15.0	30	
N-Nitrosodi-n-propylamine	ND	5.1	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
Pentachloronitrobenzene	ND	5.1	mg/Kg dry	2.51	ND	*	40-140		30	MS-19, V-16
Pentachlorophenol	ND	5.1	mg/Kg dry	2.51	ND	*	30-130		30	MS-19

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131689 - SW-846 3546**

**Matrix Spike Dup (B131689-MSD3)**

**Source: 1511129-26**

Prepared: 09/28/15 Analyzed: 09/30/15

<b>Phenanthrene</b>	ND	2.6	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
Phenol	1.16	5.1	mg/Kg dry	2.51	ND	46.2	30-130	13.9	30	
Pyrene	1.96	2.6	mg/Kg dry	2.51	0.948	40.4	40-140	15.3	30	
<b>Pyridine</b>	ND	5.1	mg/Kg dry	2.51	ND	*	40-140		30	MS-19
1,2,4,5-Tetrachlorobenzene	1.01	5.1	mg/Kg dry	2.51	ND	40.2	40-140	2.01	30	
1,2,4-Trichlorobenzene	1.03	5.1	mg/Kg dry	2.51	ND	41.0	40-140	3.47	30	
<b>2,4,5-Trichlorophenol</b>	ND	5.1	mg/Kg dry	2.51	ND	*	30-130		30	MS-19
2,4,6-Trichlorophenol	1.13	5.1	mg/Kg dry	2.51	ND	45.0	30-130	6.90	30	
Surrogate: 2-Fluorophenol	3.67		mg/Kg dry	10.0		36.6	30-130			
Surrogate: Phenol-d6	3.77		mg/Kg dry	10.0		37.6	30-130			
Surrogate: Nitrobenzene-d5	2.12		mg/Kg dry	5.02		42.2	30-130			
Surrogate: 2-Fluorobiphenyl	2.21		mg/Kg dry	5.02		44.0	30-130			
Surrogate: 2,4,6-Tribromophenol	4.44		mg/Kg dry	10.0		44.2	30-130			
Surrogate: p-Terphenyl-d14	2.67		mg/Kg dry	5.02		53.2	30-130			

**QUALITY CONTROL**

**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131693 - SW-846 3546</b>										
<b>Blank (B131693-BLK1)</b>										
Prepared: 09/28/15 Analyzed: 09/30/15										
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	1.64		µg/Wipe	2.00		81.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.69		µg/Wipe	2.00		84.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.58		µg/Wipe	2.00		78.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.67		µg/Wipe	2.00		83.3	30-150			
<b>LCS (B131693-BS1)</b>										
Prepared: 09/28/15 Analyzed: 09/30/15										
Aroclor-1016	0.54	0.20	µg/Wipe	0.500		108	40-140			
Aroclor-1016 [2C]	0.52	0.20	µg/Wipe	0.500		103	40-140			
Aroclor-1260	0.53	0.20	µg/Wipe	0.500		106	40-140			
Aroclor-1260 [2C]	0.51	0.20	µg/Wipe	0.500		103	40-140			
Surrogate: Decachlorobiphenyl	1.46		µg/Wipe	2.00		72.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.51		µg/Wipe	2.00		75.6	30-150			
Surrogate: Tetrachloro-m-xylene	1.60		µg/Wipe	2.00		79.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.70		µg/Wipe	2.00		84.8	30-150			
<b>LCS Dup (B131693-BSD1)</b>										
Prepared: 09/28/15 Analyzed: 09/30/15										
Aroclor-1016	0.55	0.20	µg/Wipe	0.500		110	40-140	1.47	30	
Aroclor-1016 [2C]	0.53	0.20	µg/Wipe	0.500		106	40-140	2.72	30	
Aroclor-1260	0.54	0.20	µg/Wipe	0.500		107	40-140	1.13	30	
Aroclor-1260 [2C]	0.52	0.20	µg/Wipe	0.500		104	40-140	1.22	30	
Surrogate: Decachlorobiphenyl	1.48		µg/Wipe	2.00		74.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.51		µg/Wipe	2.00		75.5	30-150			
Surrogate: Tetrachloro-m-xylene	1.61		µg/Wipe	2.00		80.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.70		µg/Wipe	2.00		85.0	30-150			

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131752 - SW-846 3580A

Blank (B131752-BLK1)

Prepared: 09/29/15 Analyzed: 10/02/15

Aroclor-1016	ND	0.99	mg/Kg							
Aroclor-1016 [2C]	ND	0.99	mg/Kg							
Aroclor-1221	ND	0.99	mg/Kg							
Aroclor-1221 [2C]	ND	0.99	mg/Kg							
Aroclor-1232	ND	0.99	mg/Kg							
Aroclor-1232 [2C]	ND	0.99	mg/Kg							
Aroclor-1242	ND	0.99	mg/Kg							
Aroclor-1242 [2C]	ND	0.99	mg/Kg							
Aroclor-1248	ND	0.99	mg/Kg							
Aroclor-1248 [2C]	ND	0.99	mg/Kg							
Aroclor-1254	ND	0.99	mg/Kg							
Aroclor-1254 [2C]	ND	0.99	mg/Kg							
Aroclor-1260	ND	0.99	mg/Kg							
Aroclor-1260 [2C]	ND	0.99	mg/Kg							
Aroclor-1262	ND	0.99	mg/Kg							
Aroclor-1262 [2C]	ND	0.99	mg/Kg							
Aroclor-1268	ND	0.99	mg/Kg							
Aroclor-1268 [2C]	ND	0.99	mg/Kg							
Surrogate: Decachlorobiphenyl	8.96		mg/Kg	9.85		91.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	8.64		mg/Kg	9.85		87.7	30-150			
Surrogate: Tetrachloro-m-xylene	7.79		mg/Kg	9.85		79.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	7.71		mg/Kg	9.85		78.3	30-150			

LCS (B131752-BS1)

Prepared: 09/29/15 Analyzed: 10/02/15

Aroclor-1260	42	6.6	mg/Kg	46.7		90.2	85-115			
Aroclor-1260 [2C]	41	6.6	mg/Kg	46.7		87.3	85-115			
Surrogate: Decachlorobiphenyl	64.6		mg/Kg	65.6		98.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	62.9		mg/Kg	65.6		95.9	30-150			
Surrogate: Tetrachloro-m-xylene	54.9		mg/Kg	65.6		83.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	53.7		mg/Kg	65.6		82.0	30-150			

LCS Dup (B131752-BSD1)

Prepared: 09/29/15 Analyzed: 10/02/15

Aroclor-1260	43	6.5	mg/Kg	46.7		91.3	85-115	1.26	30	
Aroclor-1260 [2C]	41	6.5	mg/Kg	46.7		88.2	85-115	0.995	30	
Surrogate: Decachlorobiphenyl	64.1		mg/Kg	65.4		98.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	61.7		mg/Kg	65.4		94.4	30-150			
Surrogate: Tetrachloro-m-xylene	54.7		mg/Kg	65.4		83.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	52.4		mg/Kg	65.4		80.2	30-150			

Batch B131768 - SW-846 3546

Blank (B131768-BLK1)

Prepared: 09/29/15 Analyzed: 10/01/15

Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131768 - SW-846 3546</b>										
<b>Blank (B131768-BLK1)</b>										
Prepared: 09/29/15 Analyzed: 10/01/15										
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.204		mg/Kg wet	0.200		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.209		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene	0.189		mg/Kg wet	0.200		94.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.201		mg/Kg wet	0.200		100	30-150			
<b>LCS (B131768-BS1)</b>										
Prepared: 09/29/15 Analyzed: 10/01/15										
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		87.6	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		96.3	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		88.4	40-140			
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		93.5	40-140			
Surrogate: Decachlorobiphenyl	0.182		mg/Kg wet	0.200		91.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.176		mg/Kg wet	0.200		88.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.165		mg/Kg wet	0.200		82.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.175		mg/Kg wet	0.200		87.4	30-150			
<b>LCS Dup (B131768-BSD1)</b>										
Prepared: 09/29/15 Analyzed: 10/01/15										
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		91.2	40-140	4.01	30	
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		99.9	40-140	3.71	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		91.9	40-140	3.90	30	
Aroclor-1260 [2C]	0.19	0.020	mg/Kg wet	0.200		97.2	40-140	3.91	30	
Surrogate: Decachlorobiphenyl	0.188		mg/Kg wet	0.200		93.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.181		mg/Kg wet	0.200		90.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.172		mg/Kg wet	0.200		86.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.182		mg/Kg wet	0.200		91.2	30-150			
<b>Matrix Spike (B131768-MS1)</b>										
Source: 1511129-02 Prepared: 09/29/15 Analyzed: 10/01/15										
Aroclor-1016	0.21	0.026	mg/Kg dry	0.259	ND	79.5	40-140			
Aroclor-1016 [2C]	0.21	0.026	mg/Kg dry	0.259	ND	82.0	40-140			
Aroclor-1260	0.18	0.026	mg/Kg dry	0.259	ND	69.5	40-140			
Aroclor-1260 [2C]	0.19	0.026	mg/Kg dry	0.259	ND	72.5	40-140			
Surrogate: Decachlorobiphenyl	0.310		mg/Kg dry	0.259		120	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.288		mg/Kg dry	0.259		111	30-150			
Surrogate: Tetrachloro-m-xylene	0.211		mg/Kg dry	0.259		81.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.232		mg/Kg dry	0.259		89.6	30-150			
<b>Matrix Spike Dup (B131768-MSD1)</b>										
Source: 1511129-02 Prepared: 09/29/15 Analyzed: 10/01/15										
Aroclor-1016	0.21	0.026	mg/Kg dry	0.259	ND	81.9	40-140	2.94	30	
Aroclor-1016 [2C]	0.22	0.026	mg/Kg dry	0.259	ND	84.4	40-140	2.87	30	
Aroclor-1260	0.19	0.026	mg/Kg dry	0.259	ND	73.1	40-140	5.01	30	
Aroclor-1260 [2C]	0.19	0.026	mg/Kg dry	0.259	ND	74.0	40-140	2.15	30	
Surrogate: Decachlorobiphenyl	0.235		mg/Kg dry	0.259		90.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.247		mg/Kg dry	0.259		95.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.207		mg/Kg dry	0.259		79.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.224		mg/Kg dry	0.259		86.4	30-150			

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131707 - SW-846 3546

Blank (B131707-BLK1)

Prepared: 09/29/15 Analyzed: 09/30/15

C9-C18 Aliphatics	ND	10	mg/Kg wet							L-04
C19-C36 Aliphatics	ND	10	mg/Kg wet							
Unadjusted C11-C22 Aromatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
n-Decane	ND	0.10	mg/Kg wet							L-04
n-Docosane	ND	0.10	mg/Kg wet							
n-Dodecane	ND	0.10	mg/Kg wet							
n-Eicosane	ND	0.10	mg/Kg wet							
n-Hexacosane	ND	0.10	mg/Kg wet							
n-Hexadecane	ND	0.10	mg/Kg wet							
n-Hexatriacontane	ND	0.10	mg/Kg wet							
n-Nonadecane	ND	0.10	mg/Kg wet							
n-Nonane	ND	0.10	mg/Kg wet							L-04
n-Octacosane	ND	0.10	mg/Kg wet							
n-Octadecane	ND	0.10	mg/Kg wet							
n-Tetracosane	ND	0.10	mg/Kg wet							
n-Tetradecane	ND	0.10	mg/Kg wet							
n-Triacontane	ND	0.10	mg/Kg wet							
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							

Surrogate: Chlorooctadecane (COD)	3.02		mg/Kg wet	4.99		60.5	40-140			
Surrogate: o-Terphenyl (OTP)	3.47		mg/Kg wet	5.00		69.5	40-140			
Surrogate: 2-Bromonaphthalene	4.83		mg/Kg wet	5.00		96.6	40-140			
Surrogate: 2-Fluorobiphenyl	4.56		mg/Kg wet	5.00		91.3	40-140			

LCS (B131707-BS1)

Prepared: 09/29/15 Analyzed: 09/30/15

Acenaphthene	3.06	0.10	mg/Kg wet	5.00		61.2	40-140			
Acenaphthylene	2.94	0.10	mg/Kg wet	5.00		58.8	40-140			
Anthracene	3.63	0.10	mg/Kg wet	5.00		72.7	40-140			
Benzo(a)anthracene	3.26	0.10	mg/Kg wet	5.00		65.2	40-140			
Benzo(a)pyrene	3.23	0.10	mg/Kg wet	5.00		64.7	40-140			
Benzo(b)fluoranthene	3.27	0.10	mg/Kg wet	5.00		65.3	40-140			
Benzo(g,h,i)perylene	3.27	0.10	mg/Kg wet	5.00		65.5	40-140			
Benzo(k)fluoranthene	3.21	0.10	mg/Kg wet	5.00		64.2	40-140			
Chrysene	3.23	0.10	mg/Kg wet	5.00		64.7	40-140			

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131707 - SW-846 3546

LCS (B131707-BS1)

Prepared: 09/29/15 Analyzed: 09/30/15

Dibenz(a,h)anthracene	3.34	0.10	mg/Kg wet	5.00		66.8	40-140			
Fluoranthene	3.23	0.10	mg/Kg wet	5.00		64.7	40-140			
Fluorene	3.14	0.10	mg/Kg wet	5.00		62.8	40-140			
Indeno(1,2,3-cd)pyrene	3.25	0.10	mg/Kg wet	5.00		64.9	40-140			
2-Methylnaphthalene	2.86	0.10	mg/Kg wet	5.00		57.3	40-140			
Naphthalene	2.56	0.10	mg/Kg wet	5.00		51.2	40-140			
Phenanthrene	3.23	0.10	mg/Kg wet	5.00		64.6	40-140			
Pyrene	3.24	0.10	mg/Kg wet	5.00		64.8	40-140			
<b>n-Decane</b>	1.92	0.10	mg/Kg wet	5.00		<b>38.3</b>	* 40-140			L-04
n-Docosane	2.87	0.10	mg/Kg wet	5.00		57.3	40-140			
n-Dodecane	2.40	0.10	mg/Kg wet	5.00		48.0	40-140			
n-Eicosane	3.04	0.10	mg/Kg wet	5.00		60.8	40-140			
n-Hexacosane	2.97	0.10	mg/Kg wet	5.00		59.4	40-140			
n-Hexadecane	3.01	0.10	mg/Kg wet	5.00		60.2	40-140			
n-Hexatriacontane	3.12	0.10	mg/Kg wet	5.00		62.4	40-140			
n-Nonadecane	3.03	0.10	mg/Kg wet	5.00		60.6	40-140			
<b>n-Nonane</b>	1.42	0.10	mg/Kg wet	5.00		<b>28.5</b>	* 30-140			L-04
n-Octacosane	3.00	0.10	mg/Kg wet	5.00		59.9	40-140			
n-Octadecane	3.05	0.10	mg/Kg wet	5.00		61.1	40-140			
n-Tetracosane	3.23	0.10	mg/Kg wet	5.00		64.6	40-140			
n-Tetradecane	2.73	0.10	mg/Kg wet	5.00		54.7	40-140			
n-Triacontane	3.07	0.10	mg/Kg wet	5.00		61.3	40-140			
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	2.69		mg/Kg wet	4.99		53.8	40-140			
Surrogate: o-Terphenyl (OTP)	3.27		mg/Kg wet	5.00		65.4	40-140			
Surrogate: 2-Bromonaphthalene	5.00		mg/Kg wet	5.00		100	40-140			
Surrogate: 2-Fluorobiphenyl	4.79		mg/Kg wet	5.00		95.9	40-140			

LCS Dup (B131707-BS1)

Prepared: 09/29/15 Analyzed: 09/30/15

Acenaphthene	3.22	0.10	mg/Kg wet	5.00		64.4	40-140	5.20	25	
Acenaphthylene	3.08	0.10	mg/Kg wet	5.00		61.5	40-140	4.49	25	
Anthracene	4.17	0.10	mg/Kg wet	5.00		83.3	40-140	13.6	25	
Benzo(a)anthracene	3.75	0.10	mg/Kg wet	5.00		75.0	40-140	14.0	25	
Benzo(a)pyrene	3.72	0.10	mg/Kg wet	5.00		74.4	40-140	13.9	25	
Benzo(b)fluoranthene	3.75	0.10	mg/Kg wet	5.00		75.1	40-140	13.9	25	
Benzo(g,h,i)perylene	3.74	0.10	mg/Kg wet	5.00		74.9	40-140	13.4	25	
Benzo(k)fluoranthene	3.69	0.10	mg/Kg wet	5.00		73.8	40-140	14.0	25	
Chrysene	3.72	0.10	mg/Kg wet	5.00		74.5	40-140	14.0	25	
Dibenz(a,h)anthracene	3.87	0.10	mg/Kg wet	5.00		77.5	40-140	14.8	25	
Fluoranthene	3.72	0.10	mg/Kg wet	5.00		74.3	40-140	13.9	25	
Fluorene	3.44	0.10	mg/Kg wet	5.00		68.7	40-140	9.05	25	
Indeno(1,2,3-cd)pyrene	3.76	0.10	mg/Kg wet	5.00		75.2	40-140	14.6	25	
2-Methylnaphthalene	2.88	0.10	mg/Kg wet	5.00		57.5	40-140	0.505	25	
Naphthalene	2.48	0.10	mg/Kg wet	5.00		49.5	40-140	3.33	25	
Phenanthrene	3.65	0.10	mg/Kg wet	5.00		73.1	40-140	12.4	25	
Pyrene	3.72	0.10	mg/Kg wet	5.00		74.5	40-140	13.9	25	
<b>n-Decane</b>	1.81	0.10	mg/Kg wet	5.00		<b>36.2</b>	* 40-140	5.77	25	L-04
n-Docosane	3.51	0.10	mg/Kg wet	5.00		70.2	40-140	20.1	25	
n-Dodecane	2.46	0.10	mg/Kg wet	5.00		49.2	40-140	2.60	25	
n-Eicosane	3.63	0.10	mg/Kg wet	5.00		72.5	40-140	17.6	25	
n-Hexacosane	3.57	0.10	mg/Kg wet	5.00		71.3	40-140	18.2	25	

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131707 - SW-846 3546**

**LCS Dup (B131707-BSD1)**

Prepared: 09/29/15 Analyzed: 09/30/15

n-Hexadecane	3.49	0.10	mg/Kg wet	5.00		69.9	40-140	15.0	25	
n-Hexatriacontane	3.73	0.10	mg/Kg wet	5.00		74.6	40-140	17.7	25	
n-Nonadecane	3.61	0.10	mg/Kg wet	5.00		72.1	40-140	17.3	25	
<b>n-Nonane</b>	1.27	0.10	mg/Kg wet	5.00		<b>25.4</b>	* 30-140	11.6	25	L-04
n-Octacosane	3.57	0.10	mg/Kg wet	5.00		71.3	40-140	17.4	25	
n-Octadecane	3.62	0.10	mg/Kg wet	5.00		72.4	40-140	16.9	25	
n-Tetracosane	3.85	0.10	mg/Kg wet	5.00		77.1	40-140	17.7	25	
n-Tetradecane	2.98	0.10	mg/Kg wet	5.00		59.7	40-140	8.77	25	
n-Triacontane	3.64	0.10	mg/Kg wet	5.00		72.8	40-140	17.1	25	
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.22		mg/Kg wet	4.99		64.5	40-140			
Surrogate: o-Terphenyl (OTP)	3.70		mg/Kg wet	5.00		74.1	40-140			
Surrogate: 2-Bromonaphthalene	4.88		mg/Kg wet	5.00		97.5	40-140			
Surrogate: 2-Fluorobiphenyl	4.64		mg/Kg wet	5.00		92.8	40-140			

**Batch B131950 - SW-846 3546**

**Blank (B131950-BLK1)**

Prepared & Analyzed: 10/01/15

C9-C18 Aliphatics	ND	10	mg/Kg wet							
C19-C36 Aliphatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
n-Decane	ND	0.10	mg/Kg wet							
n-Docosane	ND	0.10	mg/Kg wet							
n-Dodecane	ND	0.10	mg/Kg wet							
n-Eicosane	ND	0.10	mg/Kg wet							
n-Hexacosane	ND	0.10	mg/Kg wet							
n-Hexadecane	ND	0.10	mg/Kg wet							
n-Hexatriacontane	ND	0.10	mg/Kg wet							
n-Nonadecane	ND	0.10	mg/Kg wet							
n-Nonane	ND	0.10	mg/Kg wet							
n-Octacosane	ND	0.10	mg/Kg wet							
n-Octadecane	ND	0.10	mg/Kg wet							
n-Tetracosane	ND	0.10	mg/Kg wet							
n-Tetradecane	ND	0.10	mg/Kg wet							
n-Triacontane	ND	0.10	mg/Kg wet							

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131950 - SW-846 3546</b>										
<b>Blank (B131950-BLK1)</b>										
Prepared & Analyzed: 10/01/15										
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
Surrogate: Chlorooctadecane (COD)	3.00		mg/Kg wet	4.99		60.1	40-140			
Surrogate: o-Terphenyl (OTP)	3.38		mg/Kg wet	5.00		67.7	40-140			
Surrogate: 2-Bromonaphthalene	4.14		mg/Kg wet	5.00		82.8	40-140			
Surrogate: 2-Fluorobiphenyl	4.16		mg/Kg wet	5.00		83.2	40-140			
<b>LCS (B131950-BS1)</b>										
Prepared & Analyzed: 10/01/15										
Acenaphthene	3.35	0.10	mg/Kg wet	5.00		67.0	40-140			
Acenaphthylene	3.24	0.10	mg/Kg wet	5.00		64.8	40-140			
Anthracene	3.98	0.10	mg/Kg wet	5.00		79.5	40-140			
Benzo(a)anthracene	3.62	0.10	mg/Kg wet	5.00		72.3	40-140			
Benzo(a)pyrene	3.62	0.10	mg/Kg wet	5.00		72.4	40-140			
Benzo(b)fluoranthene	3.62	0.10	mg/Kg wet	5.00		72.4	40-140			
Benzo(g,h,i)perylene	3.70	0.10	mg/Kg wet	5.00		74.1	40-140			
Benzo(k)fluoranthene	3.62	0.10	mg/Kg wet	5.00		72.4	40-140			
Chrysene	3.64	0.10	mg/Kg wet	5.00		72.8	40-140			
Dibenz(a,h)anthracene	3.76	0.10	mg/Kg wet	5.00		75.2	40-140			
Fluoranthene	3.55	0.10	mg/Kg wet	5.00		70.9	40-140			
Fluorene	3.41	0.10	mg/Kg wet	5.00		68.2	40-140			
Indeno(1,2,3-cd)pyrene	3.63	0.10	mg/Kg wet	5.00		72.6	40-140			
2-Methylnaphthalene	3.21	0.10	mg/Kg wet	5.00		64.3	40-140			
Naphthalene	2.93	0.10	mg/Kg wet	5.00		58.6	40-140			
Phenanthrene	3.51	0.10	mg/Kg wet	5.00		70.2	40-140			
Pyrene	3.56	0.10	mg/Kg wet	5.00		71.2	40-140			
n-Decane	2.49	0.10	mg/Kg wet	5.00		49.8	40-140			
n-Docosane	3.58	0.10	mg/Kg wet	5.00		71.5	40-140			
n-Dodecane	3.01	0.10	mg/Kg wet	5.00		60.2	40-140			
n-Eicosane	3.71	0.10	mg/Kg wet	5.00		74.1	40-140			
n-Hexacosane	3.63	0.10	mg/Kg wet	5.00		72.7	40-140			
n-Hexadecane	3.61	0.10	mg/Kg wet	5.00		72.2	40-140			
n-Hexatriacontane	3.71	0.10	mg/Kg wet	5.00		74.1	40-140			
n-Nonadecane	3.69	0.10	mg/Kg wet	5.00		73.8	40-140			
n-Nonane	1.95	0.10	mg/Kg wet	5.00		39.0	30-140			
n-Octacosane	3.64	0.10	mg/Kg wet	5.00		72.7	40-140			
n-Octadecane	3.70	0.10	mg/Kg wet	5.00		73.9	40-140			
n-Tetracosane	3.95	0.10	mg/Kg wet	5.00		79.0	40-140			
n-Tetradecane	3.31	0.10	mg/Kg wet	5.00		66.2	40-140			
n-Triacontane	3.70	0.10	mg/Kg wet	5.00		74.0	40-140			
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.21		mg/Kg wet	4.99		64.2	40-140			
Surrogate: o-Terphenyl (OTP)	3.62		mg/Kg wet	5.00		72.3	40-140			
Surrogate: 2-Bromonaphthalene	4.12		mg/Kg wet	5.00		82.3	40-140			
Surrogate: 2-Fluorobiphenyl	4.10		mg/Kg wet	5.00		82.0	40-140			

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131950 - SW-846 3546</b>										
<b>LCS Dup (B131950-BSD1)</b>										
Prepared & Analyzed: 10/01/15										
Acenaphthene	3.84	0.10	mg/Kg wet	5.00		76.8	40-140	13.6	25	
Acenaphthylene	3.68	0.10	mg/Kg wet	5.00		73.7	40-140	12.9	25	
Anthracene	4.81	0.10	mg/Kg wet	5.00		96.2	40-140	19.0	25	
Benzo(a)anthracene	4.36	0.10	mg/Kg wet	5.00		87.3	40-140	18.7	25	
Benzo(a)pyrene	4.32	0.10	mg/Kg wet	5.00		86.5	40-140	17.7	25	
Benzo(b)fluoranthene	4.37	0.10	mg/Kg wet	5.00		87.4	40-140	18.7	25	
Benzo(g,h,i)perylene	4.35	0.10	mg/Kg wet	5.00		87.0	40-140	16.1	25	
Benzo(k)fluoranthene	4.30	0.10	mg/Kg wet	5.00		85.9	40-140	17.0	25	
Chrysene	4.33	0.10	mg/Kg wet	5.00		86.6	40-140	17.2	25	
Dibenz(a,h)anthracene	4.44	0.10	mg/Kg wet	5.00		88.9	40-140	16.6	25	
Fluoranthene	4.32	0.10	mg/Kg wet	5.00		86.4	40-140	19.7	25	
Fluorene	4.02	0.10	mg/Kg wet	5.00		80.3	40-140	16.4	25	
Indeno(1,2,3-cd)pyrene	4.35	0.10	mg/Kg wet	5.00		87.0	40-140	18.1	25	
2-Methylnaphthalene	3.57	0.10	mg/Kg wet	5.00		71.3	40-140	10.4	25	
Naphthalene	3.22	0.10	mg/Kg wet	5.00		64.3	40-140	9.27	25	
Phenanthrene	4.23	0.10	mg/Kg wet	5.00		84.5	40-140	18.6	25	
Pyrene	4.33	0.10	mg/Kg wet	5.00		86.5	40-140	19.5	25	
n-Decane	2.71	0.10	mg/Kg wet	5.00		54.2	40-140	8.58	25	
n-Docosane	4.08	0.10	mg/Kg wet	5.00		81.6	40-140	13.1	25	
n-Dodecane	3.20	0.10	mg/Kg wet	5.00		64.0	40-140	6.05	25	
n-Eicosane	4.19	0.10	mg/Kg wet	5.00		83.8	40-140	12.3	25	
n-Hexacosane	4.09	0.10	mg/Kg wet	5.00		81.9	40-140	11.9	25	
n-Hexadecane	4.01	0.10	mg/Kg wet	5.00		80.3	40-140	10.6	25	
n-Hexatriacontane	4.24	0.10	mg/Kg wet	5.00		84.9	40-140	13.5	25	
n-Nonadecane	4.17	0.10	mg/Kg wet	5.00		83.4	40-140	12.2	25	
n-Nonane	2.21	0.10	mg/Kg wet	5.00		44.3	30-140	12.6	25	
n-Octacosane	4.08	0.10	mg/Kg wet	5.00		81.6	40-140	11.6	25	
n-Octadecane	4.14	0.10	mg/Kg wet	5.00		82.7	40-140	11.3	25	
n-Tetracosane	4.43	0.10	mg/Kg wet	5.00		88.6	40-140	11.5	25	
n-Tetradecane	3.63	0.10	mg/Kg wet	5.00		72.7	40-140	9.32	25	
n-Triacontane	4.16	0.10	mg/Kg wet	5.00		83.3	40-140	11.9	25	
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.67		mg/Kg wet	4.99		73.6	40-140			
Surrogate: o-Terphenyl (OTP)	4.31		mg/Kg wet	5.00		86.2	40-140			
Surrogate: 2-Bromonaphthalene	4.28		mg/Kg wet	5.00		85.7	40-140			
Surrogate: 2-Fluorobiphenyl	4.26		mg/Kg wet	5.00		85.2	40-140			

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - VPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131511 - MA VPH

Blank (B131511-BLK1)

Prepared: 09/25/15 Analyzed: 09/28/15

C5-C8 Aliphatics	ND	10	mg/Kg wet							
C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C10 Aromatics	ND	10	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Butylcyclohexane	ND	0.050	mg/Kg wet							
Decane	ND	0.050	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
2-Methylpentane	ND	0.050	mg/Kg wet							
Naphthalene	ND	0.50	mg/Kg wet							
Nonane	ND	0.050	mg/Kg wet							
Pentane	ND	0.050	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
2,2,4-Trimethylpentane	ND	0.050	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 2,5-Dibromotoluene (FID)	3.04		mg/Kg wet	3.33		91.2	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	2.89		mg/Kg wet	3.33		86.7	70-130			

LCS (B131511-BS1)

Prepared: 09/25/15 Analyzed: 09/28/15

Benzene	0.0889	0.0010	mg/Kg wet	0.100		88.9	70-130			
Butylcyclohexane	0.0858	0.0010	mg/Kg wet	0.100		85.8	70-130			
Decane	0.0964	0.0010	mg/Kg wet	0.100		96.4	70-130			
Ethylbenzene	0.0889	0.0010	mg/Kg wet	0.100		88.9	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0937	0.0010	mg/Kg wet	0.100		93.7	70-130			
2-Methylpentane	0.0923	0.0010	mg/Kg wet	0.100		92.3	70-130			
Naphthalene	0.102	0.010	mg/Kg wet	0.100		102	70-130			
Nonane	0.0881	0.0010	mg/Kg wet	0.100		88.1	30-130			
Pentane	0.0843	0.0010	mg/Kg wet	0.100		84.3	70-130			
Toluene	0.0884	0.0010	mg/Kg wet	0.100		88.4	70-130			
1,2,4-Trimethylbenzene	0.0969	0.0010	mg/Kg wet	0.100		96.9	70-130			
2,2,4-Trimethylpentane	0.102	0.0010	mg/Kg wet	0.100		102	70-130			
m+p Xylene	0.181	0.0020	mg/Kg wet	0.200		90.7	70-130			
o-Xylene	0.0913	0.0010	mg/Kg wet	0.100		91.3	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	0.0412		mg/Kg wet	0.0400		103	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0371		mg/Kg wet	0.0400		92.8	70-130			

LCS Dup (B131511-BSD1)

Prepared: 09/25/15 Analyzed: 09/28/15

Benzene	0.0865	0.0010	mg/Kg wet	0.100		86.5	70-130	2.78	25	
Butylcyclohexane	0.0843	0.0010	mg/Kg wet	0.100		84.3	70-130	1.82	25	
Decane	0.0951	0.0010	mg/Kg wet	0.100		95.1	70-130	1.31	25	
Ethylbenzene	0.0862	0.0010	mg/Kg wet	0.100		86.2	70-130	3.17	25	
Methyl tert-Butyl Ether (MTBE)	0.0926	0.0010	mg/Kg wet	0.100		92.6	70-130	1.15	25	
2-Methylpentane	0.0845	0.0010	mg/Kg wet	0.100		84.5	70-130	8.86	25	
Naphthalene	0.102	0.010	mg/Kg wet	0.100		102	70-130	0.516	25	
Nonane	0.0870	0.0010	mg/Kg wet	0.100		87.0	30-130	1.27	25	
Pentane	0.0794	0.0010	mg/Kg wet	0.100		79.4	70-130	5.98	25	
Toluene	0.0861	0.0010	mg/Kg wet	0.100		86.1	70-130	2.70	25	
1,2,4-Trimethylbenzene	0.0941	0.0010	mg/Kg wet	0.100		94.1	70-130	2.92	25	
2,2,4-Trimethylpentane	0.101	0.0010	mg/Kg wet	0.100		101	70-130	0.625	25	
m+p Xylene	0.176	0.0020	mg/Kg wet	0.200		88.0	70-130	3.05	25	

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131511 - MA VPH**

**LCS Dup (B131511-BSD1)**

Prepared: 09/25/15 Analyzed: 09/28/15

o-Xylene	0.0889	0.0010	mg/Kg wet	0.100		88.9	70-130	2.70	25	
Surrogate: 2,5-Dibromotoluene (FID)	0.0395		mg/Kg wet	0.0400		98.8	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0361		mg/Kg wet	0.0400		90.3	70-130			

**Batch B131653 - MA VPH**

**Blank (B131653-BLK1)**

Prepared: 09/28/15 Analyzed: 09/29/15

C5-C8 Aliphatics	ND	10	mg/Kg wet							
C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C10 Aromatics	ND	10	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Butylcyclohexane	ND	0.050	mg/Kg wet							
Decane	ND	0.050	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
2-Methylpentane	ND	0.050	mg/Kg wet							
Naphthalene	ND	0.50	mg/Kg wet							
Nonane	ND	0.050	mg/Kg wet							
Pentane	ND	0.050	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
2,2,4-Trimethylpentane	ND	0.050	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 2,5-Dibromotoluene (FID)	3.20		mg/Kg wet	3.33		96.1	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	2.82		mg/Kg wet	3.33		84.6	70-130			

**LCS (B131653-BS1)**

Prepared: 09/28/15 Analyzed: 09/29/15

Benzene	0.0862	0.0010	mg/Kg wet	0.100		86.2	70-130			
Butylcyclohexane	0.0833	0.0010	mg/Kg wet	0.100		83.3	70-130			
Decane	0.0933	0.0010	mg/Kg wet	0.100		93.3	70-130			
Ethylbenzene	0.0862	0.0010	mg/Kg wet	0.100		86.2	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0938	0.0010	mg/Kg wet	0.100		93.8	70-130			
2-Methylpentane	0.0850	0.0010	mg/Kg wet	0.100		85.0	70-130			
Naphthalene	0.107	0.010	mg/Kg wet	0.100		107	70-130			
Nonane	0.0854	0.0010	mg/Kg wet	0.100		85.4	30-130			
Pentane	0.0794	0.0010	mg/Kg wet	0.100		79.4	70-130			
Toluene	0.0859	0.0010	mg/Kg wet	0.100		85.9	70-130			
1,2,4-Trimethylbenzene	0.0949	0.0010	mg/Kg wet	0.100		94.9	70-130			
2,2,4-Trimethylpentane	0.101	0.0010	mg/Kg wet	0.100		101	70-130			
m+p Xylene	0.176	0.0020	mg/Kg wet	0.200		88.1	70-130			
o-Xylene	0.0894	0.0010	mg/Kg wet	0.100		89.4	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	0.0327		mg/Kg wet	0.0400		81.7	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0335		mg/Kg wet	0.0400		83.7	70-130			

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131653 - MA VPH</b>										
<b>LCS Dup (B131653-BSD1)</b>										
					Prepared: 09/28/15 Analyzed: 09/29/15					
Benzene	0.0875	0.0010	mg/Kg wet	0.100		87.5	70-130	1.56	25	
Butylcyclohexane	0.0859	0.0010	mg/Kg wet	0.100		85.9	70-130	3.12	25	
Decane	0.0987	0.0010	mg/Kg wet	0.100		98.7	70-130	5.57	25	
Ethylbenzene	0.0872	0.0010	mg/Kg wet	0.100		87.2	70-130	1.13	25	
Methyl tert-Butyl Ether (MTBE)	0.0934	0.0010	mg/Kg wet	0.100		93.4	70-130	0.378	25	
2-Methylpentane	0.0853	0.0010	mg/Kg wet	0.100		85.3	70-130	0.365	25	
Naphthalene	0.109	0.010	mg/Kg wet	0.100		109	70-130	1.62	25	
Nonane	0.0891	0.0010	mg/Kg wet	0.100		89.1	30-130	4.16	25	
Pentane	0.0794	0.0010	mg/Kg wet	0.100		79.4	70-130	0.0126	25	
Toluene	0.0870	0.0010	mg/Kg wet	0.100		87.0	70-130	1.30	25	
1,2,4-Trimethylbenzene	0.0955	0.0010	mg/Kg wet	0.100		95.5	70-130	0.610	25	
2,2,4-Trimethylpentane	0.102	0.0010	mg/Kg wet	0.100		102	70-130	0.492	25	
m+p Xylene	0.178	0.0020	mg/Kg wet	0.200		89.0	70-130	1.05	25	
o-Xylene	0.0899	0.0010	mg/Kg wet	0.100		89.9	70-130	0.563	25	
Surrogate: 2,5-Dibromotoluene (FID)	0.0359		mg/Kg wet	0.0400		89.8	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0333		mg/Kg wet	0.0400		83.3	70-130			

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131717 - SW-846 3050B**

**Blank (B131717-BLK1)**

Prepared: 09/29/15 Analyzed: 10/02/15

Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							

**LCS (B131717-BS1)**

Prepared: 09/29/15 Analyzed: 10/02/15

Arsenic	96.9	5.0	mg/Kg wet	98.5		98.4	77.8-122.1			
Barium	292	5.0	mg/Kg wet	308		94.9	82-117.4			
Cadmium	136	0.50	mg/Kg wet	146		92.8	81.9-118.2			
Chromium	170	1.0	mg/Kg wet	182		93.6	78.7-120.6			
Lead	118	1.5	mg/Kg wet	130		90.9	82.4-117.8			
Selenium	156	10	mg/Kg wet	154		101	77.1-122.3			
Silver	36.7	1.0	mg/Kg wet	40.9		89.8	74.3-125.4			

**LCS Dup (B131717-BSD1)**

Prepared: 09/29/15 Analyzed: 10/02/15

Arsenic	96.6	5.0	mg/Kg wet	98.5		98.1	77.8-122.1	0.317	30	
Barium	308	5.0	mg/Kg wet	308		99.9	82-117.4	5.17	30	
Cadmium	147	0.50	mg/Kg wet	146		101	81.9-118.2	8.38	30	
Chromium	178	1.0	mg/Kg wet	182		98.0	78.7-120.6	4.65	30	
Lead	118	1.5	mg/Kg wet	130		90.7	82.4-117.8	0.198	30	
Selenium	157	10	mg/Kg wet	154		102	77.1-122.3	0.462	30	
Silver	38.7	1.0	mg/Kg wet	40.9		94.5	74.3-125.4	5.14	30	

**Duplicate (B131717-DUP1)**

Source: 151129-03

Prepared: 09/29/15 Analyzed: 10/02/15

Arsenic	ND	2.9	mg/Kg dry		ND			NC	35	
Barium	35.4	2.9	mg/Kg dry		37.9			6.82	35	
Cadmium	ND	0.29	mg/Kg dry		ND			NC	35	
Chromium	21.4	0.58	mg/Kg dry		18.9			12.0	35	
Lead	12.4	0.86	mg/Kg dry		12.4			0.535	35	
Selenium	ND	5.8	mg/Kg dry		ND			NC	35	
Silver	ND	0.58	mg/Kg dry		ND			NC	35	

**MRL Check (B131717-MRL1)**

Prepared: 09/29/15 Analyzed: 10/02/15

Lead	0.690	0.71	mg/Kg wet	0.711		97.1	80-120			
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**Matrix Spike (B131717-MS1)**

Source: 151129-03

Prepared: 09/29/15 Analyzed: 10/02/15

Arsenic	27.9	2.8	mg/Kg dry	28.0	ND	99.4	75-125			
Barium	63.8	2.8	mg/Kg dry	28.0	37.9	92.7	75-125			
Cadmium	27.0	0.28	mg/Kg dry	28.0	0.0840	96.1	75-125			
Chromium	43.7	0.56	mg/Kg dry	28.0	18.9	88.4	75-125			
Lead	35.2	0.84	mg/Kg dry	28.0	12.4	81.3	75-125			
Selenium	29.5	5.6	mg/Kg dry	28.0	ND	105	75-125			
Silver	25.9	0.56	mg/Kg dry	28.0	ND	92.6	75-125			

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131717 - SW-846 3050B</b>										
<b>Matrix Spike Dup (B131717-MSD1)</b>		<b>Source: 1511129-03</b>			Prepared: 09/29/15 Analyzed: 10/02/15					
Arsenic	28.4	2.8	mg/Kg dry	27.9	ND	102	75-125	1.81	35	
<b>Barium</b>	74.3	2.8	mg/Kg dry	27.9	37.9	<b>130</b> *	75-125	15.2	35	MS-22
Cadmium	27.2	0.28	mg/Kg dry	27.9	0.0840	97.0	75-125	0.659	35	
Chromium	44.9	0.56	mg/Kg dry	27.9	18.9	93.1	75-125	2.84	35	
<b>Lead</b>	49.5	0.84	mg/Kg dry	27.9	12.4	<b>133</b> *	75-125	33.8	35	MS-22
Selenium	30.6	5.6	mg/Kg dry	27.9	ND	109	75-125	3.43	35	
Silver	26.0	0.56	mg/Kg dry	27.9	ND	93.2	75-125	0.374	35	
<b>Batch B131722 - SW-846 7471</b>										
<b>Blank (B131722-BLK1)</b>		Prepared: 09/29/15 Analyzed: 09/30/15								
Mercury	ND	0.025	mg/Kg wet							
<b>LCS (B131722-BS1)</b>		Prepared: 09/29/15 Analyzed: 09/30/15								
Mercury	7.32	0.77	mg/Kg wet	7.10		103	73.7-126.3			
<b>LCS Dup (B131722-BSD1)</b>		Prepared: 09/29/15 Analyzed: 09/30/15								
Mercury	7.06	0.80	mg/Kg wet	7.10		99.5	73.7-126.3	3.52	30	
<b>Duplicate (B131722-DUP1)</b>		<b>Source: 1511129-03</b>			Prepared: 09/29/15 Analyzed: 09/30/15					
Mercury	ND	0.027	mg/Kg dry		ND			NC	35	
<b>Matrix Spike (B131722-MS1)</b>		<b>Source: 1511129-03</b>			Prepared: 09/29/15 Analyzed: 09/30/15					
Mercury	0.164	0.028	mg/Kg dry	0.186	0.0101	82.7	75-125			
<b>Matrix Spike Dup (B131722-MSD1)</b>		<b>Source: 1511129-03</b>			Prepared: 09/29/15 Analyzed: 09/30/15					
Mercury	0.169	0.028	mg/Kg dry	0.187	0.0101	85.4	75-125	3.05	35	
<b>Batch B131775 - SW-846 3050B</b>										
<b>Blank (B131775-BLK1)</b>		Prepared: 09/29/15 Analyzed: 10/01/15								
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.49	mg/Kg wet							
Lead	ND	0.74	mg/Kg wet							
Selenium	ND	4.9	mg/Kg wet							
Silver	ND	0.49	mg/Kg wet							
<b>LCS (B131775-BS1)</b>		Prepared: 09/29/15 Analyzed: 10/01/15								
Arsenic	97.4	5.1	mg/Kg wet	98.5		98.9	77.8-122.1			
Barium	305	5.1	mg/Kg wet	308		99.0	82-117.4			
Cadmium	149	0.51	mg/Kg wet	146		102	81.9-118.2			
Chromium	180	1.0	mg/Kg wet	182		99.0	78.7-120.6			
Lead	125	1.5	mg/Kg wet	130		96.0	82.4-117.8			
Selenium	161	10	mg/Kg wet	154		105	77.1-122.3			
Silver	38.7	1.0	mg/Kg wet	40.9		94.6	74.3-125.4			

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131775 - SW-846 3050B**

**LCS Dup (B131775-BSD1)**

Prepared: 09/29/15 Analyzed: 10/01/15

Arsenic	96.8	5.0	mg/Kg wet	98.5		98.3	77.8-122.1	0.572	30	
Barium	303	5.0	mg/Kg wet	308		98.4	82-117.4	0.603	30	
Cadmium	143	0.50	mg/Kg wet	146		98.2	81.9-118.2	4.12	30	
Chromium	178	1.0	mg/Kg wet	182		97.8	78.7-120.6	1.15	30	
Lead	122	1.5	mg/Kg wet	130		93.9	82.4-117.8	2.16	30	
Selenium	156	10	mg/Kg wet	154		102	77.1-122.3	3.05	30	
Silver	38.7	1.0	mg/Kg wet	40.9		94.6	74.3-125.4	0.00933	30	

**Duplicate (B131775-DUP1)**

Source: 1511129-26

Prepared: 09/29/15 Analyzed: 10/01/15

Arsenic	15.1	3.8	mg/Kg dry		13.9			8.66	35	
Barium	122	3.8	mg/Kg dry		129			6.05	35	
Cadmium	7.03	0.38	mg/Kg dry		6.35			10.2	35	
Chromium	76.6	0.75	mg/Kg dry		78.2			2.10	35	
Lead	443	1.1	mg/Kg dry		430			2.94	35	
Selenium	13.6	7.5	mg/Kg dry		ND			NC	35	
Silver	ND	0.75	mg/Kg dry		ND			NC	35	

**MRL Check (B131775-MRL1)**

Prepared: 09/29/15 Analyzed: 10/01/15

Lead	0.777	0.75	mg/Kg wet	0.748		104	80-120			
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**Matrix Spike (B131775-MS1)**

Source: 1511129-26

Prepared: 09/29/15 Analyzed: 10/01/15

Arsenic	49.1	3.6	mg/Kg dry	36.1	13.9	97.5	75-125			
<b>Barium</b>	130	3.6	mg/Kg dry	36.1	129	<b>1.34</b> *	75-125			MS-07A
Cadmium	46.2	0.36	mg/Kg dry	36.1	6.35	110	75-125			
<b>Chromium</b>	100	0.72	mg/Kg dry	36.1	78.2	<b>60.9</b> *	75-125			MS-22
<b>Lead</b>	380	1.1	mg/Kg dry	36.1	430	<b>-140</b> *	75-125			MS-19
Selenium	34.5	7.2	mg/Kg dry	36.1	ND	95.5	75-125			
Silver	31.1	0.72	mg/Kg dry	36.1	ND	86.2	75-125			

**Matrix Spike Dup (B131775-MSD1)**

Source: 1511129-26

Prepared: 09/29/15 Analyzed: 10/01/15

Arsenic	47.5	3.7	mg/Kg dry	36.9	13.9	91.2	75-125	3.28	35	
<b>Barium</b>	145	3.7	mg/Kg dry	36.9	129	<b>42.4</b> *	75-125	11.0	35	MS-07A
Cadmium	44.4	0.37	mg/Kg dry	36.9	6.35	103	75-125	3.93	35	
Chromium	120	0.74	mg/Kg dry	36.9	78.2	114	75-125	18.3	35	
<b>Lead</b>	416	1.1	mg/Kg dry	36.9	430	<b>-37.2</b> *	75-125	9.23	35	MS-19
Selenium	33.3	7.4	mg/Kg dry	36.9	ND	90.3	75-125	3.45	35	
Silver	32.9	0.74	mg/Kg dry	36.9	ND	89.3	75-125	5.58	35	

**Batch B131777 - SW-846 7471**

**Blank (B131777-BLK1)**

Prepared: 09/29/15 Analyzed: 10/01/15

Mercury	ND	0.025	mg/Kg wet							
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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131777 - SW-846 7471</b>										
<b>LCS (B131777-BS1)</b>					Prepared: 09/29/15 Analyzed: 10/01/15					
Mercury	5.71	0.77	mg/Kg wet	7.10		80.4	73.7-126.3			
<b>LCS Dup (B131777-BSD1)</b>					Prepared: 09/29/15 Analyzed: 10/01/15					
Mercury	5.95	0.78	mg/Kg wet	7.10		83.8	73.7-126.3	4.22	30	
<b>Duplicate (B131777-DUP1)</b>					Source: 15I1129-26 Prepared: 09/29/15 Analyzed: 10/01/15					
Mercury	0.207	0.036	mg/Kg dry		0.230			10.3	35	
<b>Matrix Spike (B131777-MS1)</b>					Source: 15I1129-26 Prepared: 09/29/15 Analyzed: 10/01/15					
Mercury	0.397	0.040	mg/Kg dry	0.265	0.230	63.2	* 75-125			MS-07
<b>Matrix Spike Dup (B131777-MSD1)</b>					Source: 15I1129-26 Prepared: 09/29/15 Analyzed: 10/01/15					
Mercury	0.361	0.034	mg/Kg dry	0.229	0.230	57.2	* 75-125	9.58	35	MS-07
<b>Batch B131839 - SW-846 7471</b>										
<b>Blank (B131839-BLK1)</b>					Prepared: 09/30/15 Analyzed: 10/02/15					
Mercury	ND	0.025	mg/Kg wet							
<b>LCS (B131839-BS1)</b>					Prepared: 09/30/15 Analyzed: 10/02/15					
Mercury	6.06	0.79	mg/Kg wet	7.10		85.3	73.7-126.3			
<b>LCS Dup (B131839-BSD1)</b>					Prepared: 09/30/15 Analyzed: 10/02/15					
Mercury	5.72	0.78	mg/Kg wet	7.10		80.5	73.7-126.3	5.79	30	
<b>Duplicate (B131839-DUP1)</b>					Source: 15I1129-09 Prepared: 09/30/15 Analyzed: 10/02/15					
Mercury	0.645	0.048	mg/Kg dry		0.513			22.7	35	
<b>Matrix Spike (B131839-MS1)</b>					Source: 15I1129-09 Prepared: 09/30/15 Analyzed: 10/02/15					
Mercury	0.688	0.048	mg/Kg dry	0.321	0.513	54.5	* 75-125			MS-07
<b>Matrix Spike Dup (B131839-MSD1)</b>					Source: 15I1129-09 Prepared: 09/30/15 Analyzed: 10/02/15					
Mercury	1.28	0.097	mg/Kg dry	0.323	0.513	238	* 75-125	60.2	* 35	MS-11
<b>Batch B131842 - SW-846 3050B</b>										
<b>Blank (B131842-BLK1)</b>					Prepared: 09/30/15 Analyzed: 10/01/15					
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.76	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							

**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131842 - SW-846 3050B</b>										
<b>LCS (B131842-BS1)</b>										
					Prepared: 09/30/15 Analyzed: 10/01/15					
Arsenic	88.4	4.6	mg/Kg wet	98.5		89.7	77.8-122.1			
Barium	273	4.6	mg/Kg wet	308		88.7	82-117.4			
Cadmium	132	0.46	mg/Kg wet	146		90.2	81.9-118.2			
Chromium	164	0.92	mg/Kg wet	182		90.2	78.7-120.6			
<b>Lead</b>	106	1.4	mg/Kg wet	130		<b>81.4</b>	* 82.4-117.8			L-07
Selenium	129	9.2	mg/Kg wet	154		83.5	77.1-122.3			
Silver	34.6	0.92	mg/Kg wet	40.9		84.5	74.3-125.4			
<b>LCS Dup (B131842-BSD1)</b>										
					Prepared: 09/30/15 Analyzed: 10/01/15					
Arsenic	91.3	5.1	mg/Kg wet	98.5		92.7	77.8-122.1	3.28	30	
Barium	283	5.1	mg/Kg wet	308		92.0	82-117.4	3.62	30	
Cadmium	134	0.51	mg/Kg wet	146		91.5	81.9-118.2	1.47	30	
Chromium	167	1.0	mg/Kg wet	182		91.8	78.7-120.6	1.76	30	
Lead	111	1.5	mg/Kg wet	130		85.7	82.4-117.8	5.10	30	
Selenium	134	10	mg/Kg wet	154		87.1	77.1-122.3	4.33	30	
Silver	35.1	1.0	mg/Kg wet	40.9		85.8	74.3-125.4	1.45	30	
<b>Duplicate (B131842-DUP1)</b>										
			<b>Source: 1511129-09</b>		Prepared: 09/30/15 Analyzed: 10/02/15					
Arsenic	10.2	4.7	mg/Kg dry		8.36			20.1	35	
Barium	282	4.7	mg/Kg dry		394			33.2	35	
Cadmium	8.88	0.47	mg/Kg dry		11.8			28.6	35	
Chromium	104	0.94	mg/Kg dry		173			<b>49.8</b>	* 35	R-02
Lead	207	1.4	mg/Kg dry		251			18.9	35	
Selenium	ND	9.4	mg/Kg dry		ND			NC	35	
Silver	3.74	0.94	mg/Kg dry		5.98			<b>46.1</b>	* 35	R-04
<b>MRL Check (B131842-MRL1)</b>										
					Prepared: 09/30/15 Analyzed: 10/01/15					
Lead	0.618	0.75	mg/Kg wet	0.745		82.9	80-120			
<b>Matrix Spike (B131842-MS1)</b>										
			<b>Source: 1511129-09</b>		Prepared: 09/30/15 Analyzed: 10/01/15					
Arsenic	47.3	4.7	mg/Kg dry	47.3	8.36	82.3	75-125			
<b>Barium</b>	515	4.7	mg/Kg dry	47.3	394	<b>255</b>	* 75-125			MS-19
Cadmium	52.7	0.47	mg/Kg dry	47.3	11.8	86.4	75-125			
Chromium	223	0.95	mg/Kg dry	47.3	173	105	75-125			
<b>Lead</b>	260	1.4	mg/Kg dry	47.3	251	<b>19.3</b>	* 75-125			MS-19
<b>Selenium</b>	32.2	9.5	mg/Kg dry	47.3	ND	<b>68.0</b>	* 75-125			MS-22
Silver	45.6	0.95	mg/Kg dry	47.3	5.98	83.7	75-125			
<b>Matrix Spike Dup (B131842-MSD1)</b>										
			<b>Source: 1511129-09</b>		Prepared: 09/30/15 Analyzed: 10/01/15					
Arsenic	55.1	4.9	mg/Kg dry	49.3	8.36	94.9	75-125	15.3	35	
<b>Barium</b>	580	4.9	mg/Kg dry	49.3	394	<b>378</b>	* 75-125	12.0	35	MS-19
Cadmium	59.5	0.49	mg/Kg dry	49.3	11.8	96.6	75-125	12.0	35	
Chromium	232	0.99	mg/Kg dry	49.3	173	119	75-125	4.02	35	
Lead	296	1.5	mg/Kg dry	49.3	251	91.9	75-125	13.0	35	MS-19
Selenium	40.6	9.9	mg/Kg dry	49.3	ND	82.4	75-125	23.2	35	
Silver	52.4	0.99	mg/Kg dry	49.3	5.98	94.1	75-125	13.9	35	

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132239 - SW-846 3050B</b>										
<b>Blank (B132239-BLK1)</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	ND	5.0	mg/Kg							L-04
Cadmium	ND	6.2	mg/Kg							L-04
Chromium	ND	2.5	mg/Kg							
Lead	ND	3.8	mg/Kg							L-04
<b>LCS (B132239-BS1)</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	22.5	5.1	mg/Kg	100		22.5	* 80-120			L-04
Cadmium	34.1	6.3	mg/Kg	100		34.1	* 81.9-118.2			L-04
Chromium	83.0	2.5	mg/Kg	100		83.0	78.7-120.6			
Lead	23.8	3.8	mg/Kg	100		23.8	* 80-120			L-04
<b>LCS Dup (B132239-BSD1)</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	22.9	4.6	mg/Kg	100		22.9	* 80-120	1.75	30	L-04
Cadmium	33.9	5.7	mg/Kg	100		33.9	* 81.9-118.2	0.481	30	L-04
Chromium	81.9	2.3	mg/Kg	100		81.9	78.7-120.6	1.40	30	
Lead	23.9	3.4	mg/Kg	100		23.9	* 80-120	0.310	30	L-04
<b>Duplicate (B132239-DUP1)</b>										
<b>Source: 15I1129-14</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	ND	4.9	mg/Kg		ND			NC	35	
Cadmium	ND	6.2	mg/Kg		ND			NC	35	
Chromium	ND	2.5	mg/Kg		ND			NC	35	
Lead	ND	3.7	mg/Kg		ND			NC	35	
<b>MRL Check (B132239-MRL1)</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	ND	4.3	mg/Kg	107			0-200			
Cadmium	ND	5.3	mg/Kg	107			0-200			
Chromium	ND	2.1	mg/Kg	107			0-200			
Lead	3.26	3.2	mg/Kg	107		3.06	0-200			
<b>Matrix Spike (B132239-MS1)</b>										
<b>Source: 15I1129-14</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	116	4.5	mg/Kg	113	ND	102	75-125			
Cadmium	114	5.7	mg/Kg	113	ND	101	75-125			
Chromium	117	2.3	mg/Kg	113	ND	103	75-125			
Lead	113	3.4	mg/Kg	113	ND	99.9	75-125			
<b>Batch B132465 - SW-846 3050B</b>										
<b>Blank (B132465-BLK1)</b>										
Prepared & Analyzed: 10/07/15										
Arsenic	ND	5.0	mg/Kg							
Cadmium	ND	6.2	mg/Kg							
Lead	ND	3.8	mg/Kg							

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132465 - SW-846 3050B**

**LCS (B132465-BS1)**

Prepared & Analyzed: 10/07/15

Arsenic	85.3	5.0	mg/Kg	100		85.3	80-120			
Cadmium	89.0	6.2	mg/Kg	100		89.0	81.9-118.2			
Lead	92.5	3.7	mg/Kg	100		92.5	80-120			

**LCS Dup (B132465-BSD1)**

Prepared & Analyzed: 10/07/15

Arsenic	86.0	4.8	mg/Kg	100		86.0	80-120	0.754	30	
Cadmium	90.0	6.0	mg/Kg	100		90.0	81.9-118.2	1.13	30	
Lead	93.6	3.6	mg/Kg	100		93.6	80-120	1.27	30	

**Duplicate (B132465-DUP1)**

**Source: 15I1129-14RE1**

Prepared & Analyzed: 10/07/15

Arsenic	ND	5.1	mg/Kg			ND		NC	35	
Cadmium	ND	6.4	mg/Kg			ND		NC	35	
Lead	ND	3.8	mg/Kg			ND		NC	35	

**MRL Check (B132465-MRL1)**

Prepared & Analyzed: 10/07/15

Lead	ND	3.7	mg/Kg	3.69			0-200			
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**Matrix Spike (B132465-MS1)**

**Source: 15I1129-14RE1**

Prepared & Analyzed: 10/07/15

Arsenic	108	4.8	mg/Kg	119	ND	90.4	75-125			
Cadmium	110	6.0	mg/Kg	119	ND	92.5	75-125			
Lead	110	3.6	mg/Kg	119	ND	91.8	75-125			

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**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131638 - % Solids</b>										
<b>Duplicate (B131638-DUP1)</b>		<b>Source: 15I1129-03</b>			Prepared: 09/28/15 Analyzed: 09/29/15					
% Solids	81.1		% Wt		83.0			2.32	20	
<b>Duplicate (B131638-DUP2)</b>		<b>Source: 15I1129-09</b>			Prepared: 09/28/15 Analyzed: 09/29/15					
% Solids	51.9		% Wt		50.9			1.95	20	
<b>Duplicate (B131638-DUP3)</b>		<b>Source: 15I1129-26</b>			Prepared: 09/28/15 Analyzed: 09/29/15					
% Solids	64.9		% Wt		66.2			1.98	20	

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**

PCB-2

*SW-846 8082A*

Lab Sample ID: 15I1129-15 Date(s) Analyzed: 09/30/2015 09/30/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.32	
	2	0.00	0.00	0.00	0.39	20.3

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**  
*SW-846 8082A*

<b>PCB-6</b>
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Lab Sample ID: 15I1129-19 Date(s) Analyzed: 09/30/2015 09/30/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.29	
	2	0.00	0.00	0.00	0.25	15.8

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**  
*SW-846 8082A*

<b>PCB-8</b>
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Lab Sample ID: 15I1129-21 Date(s) Analyzed: 09/30/2015 09/30/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.40	
	2	0.00	0.00	0.00	0.41	3.0
Aroclor-1260	1	0.00	0.00	0.00	0.24	
	2	0.00	0.00	0.00	0.27	11.8

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**  
*SW-846 8082A*

<b>PCB-9</b>
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Lab Sample ID: 15I1129-22 Date(s) Analyzed: 09/30/2015 09/30/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1248	1	0.00	0.00	0.00	0.53	
	2	0.00	0.00	0.00	0.36	38.4
Aroclor-1254	1	0.00	0.00	0.00	0.31	
	2	0.00	0.00	0.00	0.44	34.0

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**  
*SW-846 8082A*

Drain-1

Lab Sample ID: 15I1129-25 Date(s) Analyzed: 10/01/2015 10/01/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1248	1	0.00	0.00	0.00	0.084	
	2	0.00	0.00	0.00	0.11	27.4
Aroclor-1254	1	0.00	0.00	0.00	0.094	
	2	0.00	0.00	0.00	0.11	16.0

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**  
*SW-846 8082A*

**Drain-2**

Lab Sample ID: 15I1129-26 Date(s) Analyzed: 10/02/2015 10/02/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.30	
	2	0.00	0.00	0.00	0.39	25.1

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**  
*SW-846 8082A*

**Drain-3**

Lab Sample ID: 15I1129-27 Date(s) Analyzed: 10/02/2015 10/02/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1260	1	0.00	0.00	0.00	0.28	
	2	0.00	0.00	0.00	0.33	15.0

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**

DUP-2

*SW-846 8082A*

Lab Sample ID: 15I1129-28 Date(s) Analyzed: 10/02/2015 10/02/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1254	1	0.00	0.00	0.00	0.27	
	2	0.00	0.00	0.00	0.30	12.4

















**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
  - † Wide recovery limits established for difficult compound.
  - ‡ Wide RPD limits established for difficult compound.
  - # Data exceeded client recommended or regulatory level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.  
No results have been blank subtracted unless specified in the case narrative section.
- E Reported result is estimated. Value reported over verified calibration range.
  - L-02 Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
  - L-04 Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
  - L-07 Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
  - L-07A Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
  - MS-07 Matrix spike recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of sample matrix effects that lead to low bias for reported result or non-homogeneous sample aliquot cannot be eliminated.
  - MS-07A Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
  - MS-09 Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
  - MS-11 Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
  - MS-19 Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
  - MS-22 Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
  - MS-23 Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
  - O-01 Soil/methanol ratio does not meet method specifications. Excess amount of soil. Sample was completely covered with methanol, but with less than the method-specified amount.
  - O-02 Soil/methanol ratio does not meet method specifications. Insufficient amount of soil. Data validation is not affected since a sufficient amount of preservative is present. Detection limits may be above useful levels.
  - O-04 Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.
  - R-02 Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
  - R-04 Duplicate relative percent difference (RPD) is a less useful indicator of sample precision for sample results that are <5 times the reporting limit (RL).
  - R-05 Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
  - RL-12 Elevated reporting limit due to matrix interference.
  - S-01 The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
  - S-17 Surrogate recovery is outside of control limits. Data validation is not affected since all associated results are less than the reporting limit and bias is on the high side.
  - V-04 Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
  - V-05 Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
  - V-06 Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
  - V-16 Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
  - V-17 Internal standard area <50% of associated calibration standard internal standard area.
  - V-20 Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>EPA 600/4-81-045 in Oil</i></b>	
Aroclor-1016	MA,NY,ME
Aroclor-1016 [2C]	MA,NY,ME
Aroclor-1221	MA,NY,ME
Aroclor-1221 [2C]	MA,NY,ME
Aroclor-1232	MA,NY,ME
Aroclor-1232 [2C]	MA,NY,ME
Aroclor-1242	MA,NY,ME
Aroclor-1242 [2C]	MA,NY,ME
Aroclor-1248	MA,NY,ME
Aroclor-1248 [2C]	MA,NY,ME
Aroclor-1254	MA,NY,ME
Aroclor-1254 [2C]	MA,NY,ME
Aroclor-1260	MA,NY,ME
Aroclor-1260 [2C]	MA,NY,ME
Aroclor-1262	MA,NY,ME
Aroclor-1262 [2C]	MA,NY,ME
Aroclor-1268	MA,NY,ME
Aroclor-1268 [2C]	MA,NY,ME
<b><i>MADEP-EPH-04-1.1 in Soil</i></b>	
C9-C18 Aliphatics	CT,NC,WA,ME,NH-P
C9-C18 Aliphatics	CT,NC,WA,ME,NH-P
C19-C36 Aliphatics	CT,NC,WA,ME,NH-P
C19-C36 Aliphatics	CT,NC,WA,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,WA,ME,NH-P
Unadjusted C11-C22 Aromatics	CT,NC,WA,ME,NH-P
C11-C22 Aromatics	CT,NC,WA,ME,NH-P
C11-C22 Aromatics	CT,NC,WA,ME,NH-P
Acenaphthene	CT,NC,WA,ME,NH-P
Acenaphthene	CT,NC,WA,ME,NH-P
Acenaphthylene	CT,NC,WA,ME,NH-P
Acenaphthylene	CT,NC,WA,ME,NH-P
Anthracene	CT,NC,WA,ME,NH-P
Anthracene	CT,NC,WA,ME,NH-P
Benzo(a)anthracene	CT,NC,WA,ME,NH-P
Benzo(a)anthracene	CT,NC,WA,ME,NH-P
Benzo(a)pyrene	CT,NC,WA,ME,NH-P
Benzo(a)pyrene	CT,NC,WA,ME,NH-P
Benzo(b)fluoranthene	CT,NC,WA,ME,NH-P
Benzo(b)fluoranthene	CT,NC,WA,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,WA,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,WA,ME,NH-P
Benzo(k)fluoranthene	CT,NC,WA,ME,NH-P
Benzo(k)fluoranthene	CT,NC,WA,ME,NH-P
Chrysene	CT,NC,WA,ME,NH-P
Chrysene	CT,NC,WA,ME,NH-P
Dibenz(a,h)anthracene	CT,NC,WA,ME,NH-P

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b>MADEP-EPH-04-1.1 in Soil</b>	
Dibenz(a,h)anthracene	CT,NC,WA,ME,NH-P
Fluoranthene	CT,NC,WA,ME,NH-P
Fluoranthene	CT,NC,WA,ME,NH-P
Fluorene	CT,NC,WA,ME
Fluorene	CT,NC,WA,ME
Indeno(1,2,3-cd)pyrene	CT,NC,WA,ME,NH-P
Indeno(1,2,3-cd)pyrene	CT,NC,WA,ME,NH-P
2-Methylnaphthalene	CT,NC,WA,ME
2-Methylnaphthalene	CT,NC,WA,ME
Naphthalene	CT,NC,WA,ME,NH-P
Naphthalene	CT,NC,WA,ME,NH-P
Phenanthrene	CT,NC,WA,ME,NH-P
Phenanthrene	CT,NC,WA,ME,NH-P
Pyrene	CT,NC,WA,ME,NH-P
Pyrene	CT,NC,WA,ME,NH-P
<b>MADEP-VPH-04-1.1 in Soil</b>	
C5-C8 Aliphatics	CT,NC,WA,ME,NH-P
C9-C12 Aliphatics	CT,NC,WA,ME,NH-P
C9-C10 Aromatics	CT,NC,WA,ME,NH-P
Benzene	CT,NC,WA,ME,NH-P
Ethylbenzene	CT,NC,WA,ME,NH-P
Methyl tert-Butyl Ether (MTBE)	CT,NC,WA,ME,NH-P
Naphthalene	CT,NC,WA,ME,NH-P
Toluene	CT,NC,WA,ME,NH-P
m+p Xylene	CT,NC,WA,ME,NH-P
o-Xylene	CT,NC,WA,ME,NH-P
<b>SW-846 1010A in Soil</b>	
Flashpoint	NY,NC,ME,VA
<b>SW-846 6010C in Soil</b>	
Arsenic	CT,NH,NY,ME,NC,VA
Barium	CT,NH,NY,ME,NC,VA
Cadmium	CT,NH,NY,ME,NC,VA
Chromium	CT,NH,NY,ME,NC,VA
Lead	CT,NH,NY,AIHA,ME,NC,VA
Selenium	CT,NH,NY,ME,NC,VA
Silver	CT,NH,NY,ME,NC,VA
<b>SW-846 7471B in Soil</b>	
Mercury	CT,NH,NY,NC,ME,VA
<b>SW-846 8082A in Soil</b>	
Aroclor-1016	CT,NH,NY,NC,ME,VA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1221	CT,NH,NY,NC,ME,VA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1232	CT,NH,NY,NC,ME,VA
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<b>SW-846 8082A in Soil</b>	
Aroclor-1242	CT,NH,NY,NC,ME,VA
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1248	CT,NH,NY,NC,ME,VA
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1254	CT,NH,NY,NC,ME,VA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1260	CT,NH,NY,NC,ME,VA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA
Aroclor-1262	NY,NC
Aroclor-1262 [2C]	NY,NC
Aroclor-1268	NY,NC
Aroclor-1268 [2C]	NY,NC
<b>SW-846 8260C in Soil</b>	
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
o-Xylene	CT,NH,NY,ME,VA
<i>SW-846 8270D in Soil</i>	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzidine	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Benzoic Acid	NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	06/30/2016
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2016
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2016



# CHAIN OF CUSTODY RECORD

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 Project #: 233592  
 Client PO#: 20150820

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Fax #: \_\_\_\_\_  
 Email: Lsprings@TrcSolutions.com  
 Format:  PDF  EXCEL  OGIS  OTHER None EGAD  
 "Enhanced Data Package"

Con-Test Lab ID <small>(Laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Matrix Code	Matrix Conc Units
		Beginning Date/Time	Ending Date/Time			
SG-1	SG-1	9/24/15 10:25	9/24/15 10:25	X	A	U
SG-2	SG-2	9/24/15 10:22	9/24/15 10:22	X	A	U
SG-3	SG-3	9/24/15 10:16	9/24/15 10:16	X	A	U
SG-4	SG-4	9/24/15 10:32	9/24/15 10:32	X	A	U
DUP-1	DUP-1	9/24/15 10:16	9/24/15 10:16	X	A	U
Waste-1	Waste-1	9/23/15 15:35	9/23/15 15:35	X	O	U
Waste-2	Waste-2	9/23/15 15:40	9/23/15 15:40	X	O	U
Waste-3	Waste-3	9/23/15 15:45	9/23/15 15:45	X	O	U
Waste-4	Waste-4	9/23/15 15:50	9/23/15 15:50	X	O	U
Waste-5	Waste-5	9/23/15 16:00	9/23/15 16:00	X	O	U

APPH, TO-15  
 Total Halogens  
 Methals, PCBs, Flashpoint

ANALYSIS REQUESTED

# of Containers: \_\_\_\_\_  
 \*\* Preservation: \_\_\_\_\_  
 \*\*\* Container Code: \_\_\_\_\_

Dissolved Metals  
 Field Filtered  
 Lab to Filter

\*\*\* Cont. Codes:  
 A=amber glass  
 G=glass  
 P=plastic  
 ST=sterile  
 V=vial  
 S=summa can  
 T=tedder bag  
 O=Other

\*\* Preservation:  
 I=iced  
 H=HCL  
 M=Methanol  
 N=Nitric Acid  
 S=Sulfuric Acid  
 B=Sodium bisulfate  
 X=Na hydroxide  
 T=Na thiosulfate  
 O=Other None

\* Matrix Codes:  
 GW=groundwater  
 WW=wastewater  
 DW=drinking water  
 A=air  
 S=soil/solid  
 SL=sludge  
 O=other

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Is your project MCP or RCP?  
 MCP Form Required  
 RCP Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

NECAC & AIHA-LAP, LLC Accredited  
 WBE/DBE Certified

Turnaround Time:  
 7-Day  
 10-Day  
 Other 5  
 RUSH †  
 †24-Hr  †48-Hr  
 †72-Hr  †4-Day  
 † Require lab approval

Detection Limit Requirements:  
 Massachusetts: \_\_\_\_\_  
 Connecticut: \_\_\_\_\_  
 Other: ME RAGs or RAGs

Signature: \_\_\_\_\_  
 Date: 9/25/15  
 Signature: \_\_\_\_\_  
 Date: 9/25/15  
 Signature: \_\_\_\_\_  
 Date: 9/25/15  
 Signature: \_\_\_\_\_  
 Date: 9/25/15

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

**CHAIN OF CUSTODY RECORD**

39 Spruce Street  
 East Longmeadow, MA 01028

Company Name: TRC  
 Address: 6 Ashley Drive  
Scarborough, ME 04074  
 Attention: Charles Springer  
 Project Location: Foster Mills, Winton, ME  
 Sampled By: \_\_\_\_\_  
 Project Proposal Provided? (for billing purposes)  
 yes  no proposal date \_\_\_\_\_

Telephone: 207-879-1130  
 Project #: 233392  
 Client PO#: 20150820  
 DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE  
 Fax #: \_\_\_\_\_  
 Email: C.Springer@Tresit.com  
 Format:  PDF  EXCEL  OGIS  OTHER Matrix ELOAD  
 "Enhanced Data Package"

Con-Test Lab ID <small>(Laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Conc. Units	Matrix Conc. Units
		Beginning Date/Time	Ending Date/Time				
15	PCB-1	9/23/15	1425	X		0	U
16	PCB-2		1430	X		0	U
17	PCB-3		1440	X		0	U
18	PCB-4		1505	X		0	U
19	PCB-5		1515	X		0	U
20	PCB-6		1520	X		0	U
21	PCB-7		1525	X		0	U
22	PCB-8		1530	X		0	U
23	PCB-9		1555	X		0	U
23	PCB-10		1100	X		0	U

Comments: \_\_\_\_\_

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Is your project MCP or RCP?  
 MCP Form Required  
 RCP Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

Accredited: NELAC & AIHA-LAP, LLC  
 WBE/DBE Certified

Turnaround Time:  
 7-Day  
 10-Day  
 Other 5  
 RUSH †  
 24-Hr  48-Hr  
 72-Hr  14-Day  
 † Require lab approval

Date/Time: 9/25 12:36  
 Date/Time: 9/25/15 12:30  
 Date/Time: 9/25/15 1:50  
 Date/Time: 9/25/15 15:50

Signature: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Signature: ME RAGE  
 Other: as per RAPP



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

# CHAIN OF CUSTODY RECORD

39 Spruce Street  
 East Longmeadow, MA 01028

Page 4 of 4

Company Name: TRC  
 Address: 6 Ashley Drive  
Scarborough, ME 04074  
 Attention: Charles Springer  
 Project Location: Foster Mills, Wilton, ME  
 Sampled By: Joe Lavarriere

Project Proposal Provided? (for billing purposes)  
 Yes  No proposal date

Telephone: 207-879-1930  
 Project #: 233392  
 Client PO#: 20150820

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE  
 Fax #: \_\_\_\_\_  
 Email: Springer@resolutions.com  
 Format:  PDF  EXCEL  GIS  
 OTHER MA/NE EICAD  
 "Enhanced Data Package"

Con-Test Lab ID <small>(Laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code
		Beginning Date/Time	Ending Date/Time			
09	S-4 MS/MSD	9/24/15	1730	X	S	U
24	DUP-3	9/24/15	1730	X	S	U
25	Drain-1	9/24/15	1005	X	S	U
26	Drain-2	9/24/15	1040	X	S	U
27	Drain-3	9/24/15	1145	X	S	U
28	Drain-2 MS/MSD	9/24/15	1040	X	S	U
29	DUP-2	9/24/15	1040	X	S	U
30	Waste-6	9/24/15	1115	X	O	U

Comments: Drain Samples should be assessed before run, please call Charlie Springer, may not be runable.

Inquired by (signature): \_\_\_\_\_ Date/Time: 9/25 12:30  
 Received by (signature): \_\_\_\_\_ Date/Time: 9/25-15 12:50  
 Inquired by (signature): \_\_\_\_\_ Date/Time: 9/25-15 13:50  
 Received by (signature): Joe Lavarriere Date/Time: 9/25/15 15:50

Turnaround Time:  7-Day  10-Day  Other 5  
 24-Hr  48-Hr  72-Hr  14-Day  
 Require lab approval

Detection Limit Requirements: \_\_\_\_\_  
 Mes seconds: \_\_\_\_\_  
 Connecticut: \_\_\_\_\_  
 Other: AS Per QAPP

ME RALOS  
 AS Per QAPP

# of Containers	Preservation	Container Code	Dissolved Metals	Cont. Code:	Preservation	Matrix Code:
0	0	0	Field Filtered	A=amber glass	I=iced	GW=groundwater
0	0	0	Lab to Filter	G=glass	H=HCL	WW=wastewater
0	0	0		P=plastic	M=Methanol	DW=drinking water
0	0	0		ST=sterile	N=Nitric Acid	A=air
0	0	0		V=vial	S=Sulfuric Acid	S=soil/solid
0	0	0		S=Summa can	B=Sodium bisulfate	SL=sludge
0	0	0		T=redlar bag	X=Na hydroxide	O=other
0	0	0		O=Other	T=Na thiosulfate	
					O=Other <u>None</u>	

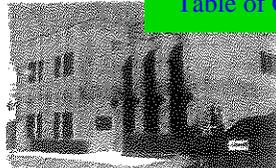
ANALYSIS REQUESTED	Matrix	Conc.	Code
VOC 8260-Low	1	1	1
VPH (Carbon Dumps Only)	1	1	1
OCES/SDZ, EPA/Conc. (dumps only), PCBs/SDZ, PCBs & Metals	1	1	1
VOC 8260-High	1	1	1
Total Hydrocarbons	1	1	1
Metals, PCBs, Fluoride	1	1	1
SVOCs, RUCs & Metals	1	1	1

Is your project MCP or RCP?

MCP Form Required  
 RCP Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

Accredited  
 NELAC & AHA-LAP, LLC  
 WBE/DBE Certified

39 Spruce St.  
 East Longmeadow, MA. 01028  
 P: 413-525-2332  
 F: 413-525-6405  
 www.contestlabs.com



**Sample Receipt Checklist**

CLIENT NAME: TRC RECEIVED BY: KB DATE: 9/25/15

- 1) Was the chain(s) of custody relinquished and signed?  Yes No No CoC included
- 2) Does the chain agree with the samples?  Yes No  
If not, explain:
- 3) Are all the samples in good condition?  Yes No  
If not, explain:

4) How were the samples received:  
 On Ice  Direct from Sampling  Ambient  In Cooler(s)   
 Were the samples received in Temperature Compliance of (2-6°C)?  Yes No N/A  
 Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 4.1°

- 5) Are there Dissolved samples for the lab to filter? Yes  No
- Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_
- 6) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No
- Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

7) Location where samples are stored:   
 Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

- 8) Do all samples have the proper Acid pH: Yes No  N/A
- 9) Do all samples have the proper Base pH: Yes No  N/A
- 10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No  N/A

**Containers received at Con-Test**

	# of containers		# of containers
1 Liter Amber		16 8oz amber/clear jar	17
500 mL Amber		4 oz amber/clear jar	6/9 (17 total)
250 mL Amber (8oz amber)		2 oz amber/clear jar	6
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	56	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	

Laboratory Comments:

40 mL vials: # HCl \_\_\_\_\_ # Methanol 28  
 Doc# 277 # Bisulfate \_\_\_\_\_ # DI Water 28  
 Rev. 4 August 2013 # Thiosulfate \_\_\_\_\_ Unpreserved \_\_\_\_\_  
 Time and Date Frozen: 4.1° 9/25/15  
15:50

Login Sample Receipt Checklist

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False)	Comment
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials:

KB

Date/Time:

Date/Time:

9/25/15  
15:50

**Meghan Kelley**

---

**From:** Springer, Charles <CSpringer@trcsolutions.com>  
**Sent:** Wednesday, September 30, 2015 1:17 PM  
**To:** Meghan Kelley  
**Subject:** Forster Mill Project - Changes to COC

Hi Meghan – after reviewing the QAPP against the COC we need to make the following changes.

- Samples S-1 thru S-3 should be analyzed for EPH (including PAHs) and RCRA-8 metals (they were submitted for VOCs, SVOCs, PCBs, VPH/EPH carbon ranges, and RCRA-8 metals)
- Sample S-4: should be analyzed for SVOCs and RCRA-8 metals (it was submitted for VOCs, SVOCs, PCBs, VPH/EPH carbon ranges, and RCRA-8 metals)
- The waste samples were submitted for “metals” on the COC: only analysis for arsenic, cadmium, chromium and lead.

Thanks,

*Charlie*



T: 207.274.2615  
C: 207.317.1111

October 1, 2015

Charles Springer  
TRC Environmental Corporation - ME  
6 Ashley Drive  
Scarborough, ME 04074

Project Location: Foster Mills, Wilton, ME  
Client Job Number:  
Project Number: 233392  
Laboratory Work Order Number: 1511137

Enclosed are results of analyses for samples received by the laboratory on September 25, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive style with a large, sweeping flourish at the end.

Meghan E. Kelley  
Project Manager

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 10/1/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511137

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Foster Mills, Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SG-1	1511137-01	Air		EPA TO-15 MADEP APH rev 1	
SG-2	1511137-02	Air		EPA TO-15 MADEP APH rev 1	
SG-3	1511137-03	Air		EPA TO-15 MADEP APH rev 1	
SG-4	1511137-04	Air		EPA TO-15 MADEP APH rev 1	
DUP-1	1511137-05	Air		EPA TO-15 MADEP APH rev 1	
Unused 2023	1511137-06	Air		-	
Unused 2212	1511137-07	Air		-	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

**EPA TO-15****Qualifications:****L-01**

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

**Analyte & Samples(s) Qualified:****1,1,2-Trichloro-1,2,2-trifluoroethane**

B131862-BS1

**1,2,4-Trichlorobenzene**

B131862-BS1

**Hexachlorobutadiene**

B131862-BS1

**V-06**

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

**Analyte & Samples(s) Qualified:****1,2,4-Trichlorobenzene**

B131862-BS1, S009677-CCV1

**Hexachlorobutadiene**

B131862-BS1, S009677-CCV1

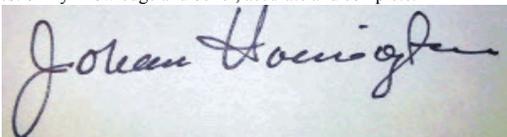
**MADEP APH rev 1**

No significant modifications were made to the APH method.

All performance/acceptance standards for required QA/QC procedures were achieved unless otherwise indicated in this case narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington

Manager, Laboratory Reporting

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-1**  
**Sample ID: 15I1137-01**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:25

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1962  
 Canister Size: 6 liter  
 Flow Controller ID: 4218  
 Sample Type: 1 hr

**Work Order: 15I1137**  
 Initial Vacuum(in Hg):  
 Final Vacuum(in Hg): -5.5  
 Receipt Vacuum(in Hg): -6.7  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	4.9	4.0		12	9.5	2	9/30/15	4:50	TPH
Benzene	0.14	0.10		0.45	0.32	2	9/30/15	4:50	TPH
Benzyl chloride	0.19	0.10		0.99	0.52	2	9/30/15	4:50	TPH
Bromodichloromethane	ND	0.10		ND	0.67	2	9/30/15	4:50	TPH
Bromoform	ND	0.10		ND	1.0	2	9/30/15	4:50	TPH
Bromomethane	ND	0.10		ND	0.39	2	9/30/15	4:50	TPH
1,3-Butadiene	ND	0.10		ND	0.22	2	9/30/15	4:50	TPH
2-Butanone (MEK)	ND	4.0		ND	12	2	9/30/15	4:50	TPH
Carbon Disulfide	ND	1.0		ND	3.1	2	9/30/15	4:50	TPH
Carbon Tetrachloride	0.17	0.10		1.1	0.63	2	9/30/15	4:50	TPH
Chlorobenzene	ND	0.10		ND	0.46	2	9/30/15	4:50	TPH
Chloroethane	ND	0.10		ND	0.26	2	9/30/15	4:50	TPH
Chloroform	0.17	0.10		0.83	0.49	2	9/30/15	4:50	TPH
Chloromethane	ND	0.20		ND	0.41	2	9/30/15	4:50	TPH
Cyclohexane	ND	0.10		ND	0.34	2	9/30/15	4:50	TPH
Dibromochloromethane	ND	0.10		ND	0.85	2	9/30/15	4:50	TPH
1,2-Dibromoethane (EDB)	ND	0.10		ND	0.77	2	9/30/15	4:50	TPH
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	9/30/15	4:50	TPH
1,3-Dichlorobenzene	ND	0.10		ND	0.60	2	9/30/15	4:50	TPH
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	9/30/15	4:50	TPH
Dichlorodifluoromethane (Freon 12)	0.94	0.10		4.7	0.49	2	9/30/15	4:50	TPH
1,1-Dichloroethane	ND	0.10		ND	0.40	2	9/30/15	4:50	TPH
1,2-Dichloroethane	ND	0.10		ND	0.40	2	9/30/15	4:50	TPH
1,1-Dichloroethylene	ND	0.10		ND	0.40	2	9/30/15	4:50	TPH
cis-1,2-Dichloroethylene	0.17	0.10		0.69	0.40	2	9/30/15	4:50	TPH
trans-1,2-Dichloroethylene	ND	0.10		ND	0.40	2	9/30/15	4:50	TPH
1,2-Dichloropropane	ND	0.10		ND	0.46	2	9/30/15	4:50	TPH
cis-1,3-Dichloropropene	ND	0.10		ND	0.45	2	9/30/15	4:50	TPH
trans-1,3-Dichloropropene	ND	0.10		ND	0.45	2	9/30/15	4:50	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.10		ND	0.70	2	9/30/15	4:50	TPH
1,4-Dioxane	ND	1.0		ND	3.6	2	9/30/15	4:50	TPH
Ethanol	ND	4.0		ND	7.5	2	9/30/15	4:50	TPH
Ethyl Acetate	ND	0.10		ND	0.36	2	9/30/15	4:50	TPH
Ethylbenzene	ND	0.10		ND	0.43	2	9/30/15	4:50	TPH
4-Ethyltoluene	ND	0.10		ND	0.49	2	9/30/15	4:50	TPH
Heptane	ND	0.10		ND	0.41	2	9/30/15	4:50	TPH
Hexachlorobutadiene	ND	0.10		ND	1.1	2	9/30/15	4:50	TPH

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-1**  
**Sample ID: 15H1137-01**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:25

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1962  
 Canister Size: 6 liter  
 Flow Controller ID: 4218  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg):  
 Final Vacuum(in Hg): -5.5  
 Receipt Vacuum(in Hg): -6.7  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	4.0		ND	14	2	9/30/15 4:50	TPH	
2-Hexanone (MBK)	0.28	0.10		1.1	0.41	2	9/30/15 4:50	TPH	
Isopropanol	ND	4.0		ND	9.8	2	9/30/15 4:50	TPH	
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	9/30/15 4:50	TPH	
Methylene Chloride	ND	1.0		ND	3.5	2	9/30/15 4:50	TPH	
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	9/30/15 4:50	TPH	
Naphthalene	0.26	0.10		1.4	0.52	2	9/30/15 4:50	TPH	
Propene	ND	4.0		ND	6.9	2	9/30/15 4:50	TPH	
Styrene	ND	0.10		ND	0.43	2	9/30/15 4:50	TPH	
1,1,2,2-Tetrachloroethane	ND	0.10		ND	0.69	2	9/30/15 4:50	TPH	
Tetrachloroethylene	63	0.10		420	0.68	2	9/30/15 4:50	TPH	
Tetrahydrofuran	ND	0.10		ND	0.29	2	9/30/15 4:50	TPH	
Toluene	ND	0.10		ND	0.38	2	9/30/15 4:50	TPH	
1,2,4-Trichlorobenzene	ND	0.10		ND	0.74	2	9/30/15 4:50	TPH	
1,1,1-Trichloroethane	ND	0.10		ND	0.55	2	9/30/15 4:50	TPH	
1,1,2-Trichloroethane	ND	0.10		ND	0.55	2	9/30/15 4:50	TPH	
Trichloroethylene	0.88	0.10		4.7	0.54	2	9/30/15 4:50	TPH	
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	9/30/15 4:50	TPH	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.40		ND	3.1	2	9/30/15 4:50	TPH	
1,2,4-Trimethylbenzene	1.0	0.10		4.9	0.49	2	9/30/15 4:50	TPH	
1,3,5-Trimethylbenzene	0.88	0.10		4.3	0.49	2	9/30/15 4:50	TPH	
Vinyl Acetate	ND	2.0		ND	7.0	2	9/30/15 4:50	TPH	
Vinyl Chloride	ND	0.10		ND	0.26	2	9/30/15 4:50	TPH	
m&p-Xylene	ND	0.20		ND	0.87	2	9/30/15 4:50	TPH	
o-Xylene	ND	0.10		ND	0.43	2	9/30/15 4:50	TPH	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	126	70-130	9/30/15 4:50

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-1**  
**Sample ID: 15H1137-01**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:25

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1962  
 Canister Size: 6 liter  
 Flow Controller ID: 4218  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg):  
 Final Vacuum(in Hg): -5.5  
 Receipt Vacuum(in Hg): -6.7  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**MADEP APH rev 1**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	ND	0.38		ND	1.2	2	9/29/15	9:43	TPH
1,3-Butadiene	ND	0.38		ND	0.83	2	9/29/15	9:43	TPH
Ethylbenzene	ND	0.38		ND	1.6	2	9/29/15	9:43	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.38		ND	1.4	2	9/29/15	9:43	TPH
Toluene	ND	0.38		ND	1.4	2	9/29/15	9:43	TPH
Naphthalene	ND	0.33		ND	1.8	2	9/29/15	9:43	TPH
m&p-Xylene	ND	0.38		ND	1.6	2	9/29/15	9:43	TPH
o-Xylene	ND	0.38		ND	1.6	2	9/29/15	9:43	TPH
C5-C8 Aliphatics				430	17	2	9/29/15	9:43	TPH
C9-C10 Aromatics				52	19	2	9/29/15	9:43	TPH
C9-C12 Aliphatics				390	27	2	9/29/15	9:43	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (4)	116	70-130	9/29/15 9:43

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-2**  
**Sample ID: 15H1137-02**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:22

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1049  
 Canister Size: 6 liter  
 Flow Controller ID: 4223  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -27  
 Final Vacuum(in Hg): -5  
 Receipt Vacuum(in Hg): -6.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	11	10		25	24	5	9/30/15	5:27	TPH
Benzene	ND	0.25		ND	0.80	5	9/30/15	5:27	TPH
Benzyl chloride	ND	0.25		ND	1.3	5	9/30/15	5:27	TPH
Bromodichloromethane	ND	0.25		ND	1.7	5	9/30/15	5:27	TPH
Bromoform	ND	0.25		ND	2.6	5	9/30/15	5:27	TPH
Bromomethane	ND	0.25		ND	0.97	5	9/30/15	5:27	TPH
1,3-Butadiene	ND	0.25		ND	0.55	5	9/30/15	5:27	TPH
2-Butanone (MEK)	ND	10		ND	29	5	9/30/15	5:27	TPH
Carbon Disulfide	ND	2.5		ND	7.8	5	9/30/15	5:27	TPH
Carbon Tetrachloride	ND	0.25		ND	1.6	5	9/30/15	5:27	TPH
Chlorobenzene	ND	0.25		ND	1.2	5	9/30/15	5:27	TPH
Chloroethane	ND	0.25		ND	0.66	5	9/30/15	5:27	TPH
Chloroform	ND	0.25		ND	1.2	5	9/30/15	5:27	TPH
Chloromethane	ND	0.50		ND	1.0	5	9/30/15	5:27	TPH
Cyclohexane	ND	0.25		ND	0.86	5	9/30/15	5:27	TPH
Dibromochloromethane	ND	0.25		ND	2.1	5	9/30/15	5:27	TPH
1,2-Dibromoethane (EDB)	ND	0.25		ND	1.9	5	9/30/15	5:27	TPH
1,2-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15	5:27	TPH
1,3-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15	5:27	TPH
1,4-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15	5:27	TPH
Dichlorodifluoromethane (Freon 12)	0.55	0.25		2.7	1.2	5	9/30/15	5:27	TPH
1,1-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15	5:27	TPH
1,2-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15	5:27	TPH
1,1-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15	5:27	TPH
cis-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15	5:27	TPH
trans-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15	5:27	TPH
1,2-Dichloropropane	ND	0.25		ND	1.2	5	9/30/15	5:27	TPH
cis-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15	5:27	TPH
trans-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15	5:27	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.25		ND	1.7	5	9/30/15	5:27	TPH
1,4-Dioxane	ND	2.5		ND	9.0	5	9/30/15	5:27	TPH
Ethanol	ND	10		ND	19	5	9/30/15	5:27	TPH
Ethyl Acetate	ND	0.25		ND	0.90	5	9/30/15	5:27	TPH
Ethylbenzene	ND	0.25		ND	1.1	5	9/30/15	5:27	TPH
4-Ethyltoluene	ND	0.25		ND	1.2	5	9/30/15	5:27	TPH
Heptane	ND	0.25		ND	1.0	5	9/30/15	5:27	TPH
Hexachlorobutadiene	ND	0.25		ND	2.7	5	9/30/15	5:27	TPH

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-2**  
**Sample ID: 15H1137-02**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:22

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1049  
 Canister Size: 6 liter  
 Flow Controller ID: 4223  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -27  
 Final Vacuum(in Hg): -5  
 Receipt Vacuum(in Hg): -6.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	10		ND	35	5	9/30/15 5:27	TPH	
2-Hexanone (MBK)	ND	0.25		ND	1.0	5	9/30/15 5:27	TPH	
Isopropanol	ND	10		ND	25	5	9/30/15 5:27	TPH	
Methyl tert-Butyl Ether (MTBE)	ND	0.25		ND	0.90	5	9/30/15 5:27	TPH	
Methylene Chloride	ND	2.5		ND	8.7	5	9/30/15 5:27	TPH	
4-Methyl-2-pentanone (MIBK)	ND	0.25		ND	1.0	5	9/30/15 5:27	TPH	
Naphthalene	ND	0.25		ND	1.3	5	9/30/15 5:27	TPH	
Propene	ND	10		ND	17	5	9/30/15 5:27	TPH	
Styrene	ND	0.25		ND	1.1	5	9/30/15 5:27	TPH	
1,1,2,2-Tetrachloroethane	ND	0.25		ND	1.7	5	9/30/15 5:27	TPH	
Tetrachloroethylene	0.36	0.25		2.5	1.7	5	9/30/15 5:27	TPH	
Tetrahydrofuran	ND	0.25		ND	0.74	5	9/30/15 5:27	TPH	
Toluene	ND	0.25		ND	0.94	5	9/30/15 5:27	TPH	
1,2,4-Trichlorobenzene	ND	0.25		ND	1.9	5	9/30/15 5:27	TPH	
1,1,1-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 5:27	TPH	
1,1,2-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 5:27	TPH	
Trichloroethylene	ND	0.25		ND	1.3	5	9/30/15 5:27	TPH	
Trichlorofluoromethane (Freon 11)	ND	1.0		ND	5.6	5	9/30/15 5:27	TPH	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0		ND	7.7	5	9/30/15 5:27	TPH	
1,2,4-Trimethylbenzene	0.42	0.25		2.0	1.2	5	9/30/15 5:27	TPH	
1,3,5-Trimethylbenzene	ND	0.25		ND	1.2	5	9/30/15 5:27	TPH	
Vinyl Acetate	ND	5.0		ND	18	5	9/30/15 5:27	TPH	
Vinyl Chloride	ND	0.25		ND	0.64	5	9/30/15 5:27	TPH	
m&p-Xylene	ND	0.50		ND	2.2	5	9/30/15 5:27	TPH	
o-Xylene	ND	0.25		ND	1.1	5	9/30/15 5:27	TPH	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	127	70-130	9/30/15 5:27

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**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-2**  
**Sample ID: 15H1137-02**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:22

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1049  
 Canister Size: 6 liter  
 Flow Controller ID: 4223  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -27  
 Final Vacuum(in Hg): -5  
 Receipt Vacuum(in Hg): -6.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**MADEP APH rev 1**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	ND	0.94		ND	3.0	5	9/29/15	13:48	TPH
1,3-Butadiene	ND	0.94		ND	2.1	5	9/29/15	13:48	TPH
Ethylbenzene	ND	0.94		ND	4.1	5	9/29/15	13:48	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.94		ND	3.4	5	9/29/15	13:48	TPH
Toluene	ND	0.94		ND	3.5	5	9/29/15	13:48	TPH
Naphthalene	ND	0.84		ND	4.4	5	9/29/15	13:48	TPH
m&p-Xylene	ND	0.94		ND	4.1	5	9/29/15	13:48	TPH
o-Xylene	ND	0.94		ND	4.1	5	9/29/15	13:48	TPH
C5-C8 Aliphatics				78	42	5	9/29/15	13:48	TPH
C9-C10 Aromatics				ND	47	5	9/29/15	13:48	TPH
C9-C12 Aliphatics				1100	66	5	9/29/15	13:48	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (4)	122	70-130	9/29/15 13:48

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-3**  
**Sample ID: 15H1137-03**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:16

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2001  
 Canister Size: 6 liter  
 Flow Controller ID: 4262  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6.5  
 Receipt Vacuum(in Hg): -6  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	ND	10		ND	24	5	9/30/15 6:04	TPH	
Benzene	0.37	0.25		1.2	0.80	5	9/30/15 6:04	TPH	
Benzyl chloride	ND	0.25		ND	1.3	5	9/30/15 6:04	TPH	
Bromodichloromethane	ND	0.25		ND	1.7	5	9/30/15 6:04	TPH	
Bromoform	ND	0.25		ND	2.6	5	9/30/15 6:04	TPH	
Bromomethane	ND	0.25		ND	0.97	5	9/30/15 6:04	TPH	
1,3-Butadiene	ND	0.25		ND	0.55	5	9/30/15 6:04	TPH	
2-Butanone (MEK)	ND	10		ND	29	5	9/30/15 6:04	TPH	
Carbon Disulfide	ND	2.5		ND	7.8	5	9/30/15 6:04	TPH	
Carbon Tetrachloride	ND	0.25		ND	1.6	5	9/30/15 6:04	TPH	
Chlorobenzene	ND	0.25		ND	1.2	5	9/30/15 6:04	TPH	
Chloroethane	ND	0.25		ND	0.66	5	9/30/15 6:04	TPH	
Chloroform	0.30	0.25		1.4	1.2	5	9/30/15 6:04	TPH	
Chloromethane	ND	0.50		ND	1.0	5	9/30/15 6:04	TPH	
Cyclohexane	ND	0.25		ND	0.86	5	9/30/15 6:04	TPH	
Dibromochloromethane	ND	0.25		ND	2.1	5	9/30/15 6:04	TPH	
1,2-Dibromoethane (EDB)	ND	0.25		ND	1.9	5	9/30/15 6:04	TPH	
1,2-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15 6:04	TPH	
1,3-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15 6:04	TPH	
1,4-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15 6:04	TPH	
Dichlorodifluoromethane (Freon 12)	0.58	0.25		2.8	1.2	5	9/30/15 6:04	TPH	
1,1-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15 6:04	TPH	
1,2-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15 6:04	TPH	
1,1-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15 6:04	TPH	
cis-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15 6:04	TPH	
trans-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15 6:04	TPH	
1,2-Dichloropropane	ND	0.25		ND	1.2	5	9/30/15 6:04	TPH	
cis-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15 6:04	TPH	
trans-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15 6:04	TPH	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.25		ND	1.7	5	9/30/15 6:04	TPH	
1,4-Dioxane	ND	2.5		ND	9.0	5	9/30/15 6:04	TPH	
Ethanol	ND	10		ND	19	5	9/30/15 6:04	TPH	
Ethyl Acetate	ND	0.25		ND	0.90	5	9/30/15 6:04	TPH	
Ethylbenzene	0.70	0.25		3.1	1.1	5	9/30/15 6:04	TPH	
4-Ethyltoluene	ND	0.25		ND	1.2	5	9/30/15 6:04	TPH	
Heptane	ND	0.25		ND	1.0	5	9/30/15 6:04	TPH	
Hexachlorobutadiene	ND	0.25		ND	2.7	5	9/30/15 6:04	TPH	

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-3**  
**Sample ID: 15H1137-03**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:16

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2001  
 Canister Size: 6 liter  
 Flow Controller ID: 4262  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6.5  
 Receipt Vacuum(in Hg): -6  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	10		ND	35	5	9/30/15 6:04	TPH	
2-Hexanone (MBK)	0.31	0.25		1.3	1.0	5	9/30/15 6:04	TPH	
Isopropanol	ND	10		ND	25	5	9/30/15 6:04	TPH	
Methyl tert-Butyl Ether (MTBE)	ND	0.25		ND	0.90	5	9/30/15 6:04	TPH	
Methylene Chloride	ND	2.5		ND	8.7	5	9/30/15 6:04	TPH	
4-Methyl-2-pentanone (MIBK)	ND	0.25		ND	1.0	5	9/30/15 6:04	TPH	
Naphthalene	ND	0.25		ND	1.3	5	9/30/15 6:04	TPH	
Propene	ND	10		ND	17	5	9/30/15 6:04	TPH	
Styrene	ND	0.25		ND	1.1	5	9/30/15 6:04	TPH	
1,1,2,2-Tetrachloroethane	ND	0.25		ND	1.7	5	9/30/15 6:04	TPH	
Tetrachloroethylene	1.6	0.25		11	1.7	5	9/30/15 6:04	TPH	
Tetrahydrofuran	ND	0.25		ND	0.74	5	9/30/15 6:04	TPH	
Toluene	ND	0.25		ND	0.94	5	9/30/15 6:04	TPH	
1,2,4-Trichlorobenzene	ND	0.25		ND	1.9	5	9/30/15 6:04	TPH	
1,1,1-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 6:04	TPH	
1,1,2-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 6:04	TPH	
Trichloroethylene	ND	0.25		ND	1.3	5	9/30/15 6:04	TPH	
Trichlorofluoromethane (Freon 11)	ND	1.0		ND	5.6	5	9/30/15 6:04	TPH	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0		ND	7.7	5	9/30/15 6:04	TPH	
1,2,4-Trimethylbenzene	ND	0.25		ND	1.2	5	9/30/15 6:04	TPH	
1,3,5-Trimethylbenzene	ND	0.25		ND	1.2	5	9/30/15 6:04	TPH	
Vinyl Acetate	ND	5.0		ND	18	5	9/30/15 6:04	TPH	
Vinyl Chloride	ND	0.25		ND	0.64	5	9/30/15 6:04	TPH	
m&p-Xylene	2.7	0.50		12	2.2	5	9/30/15 6:04	TPH	
o-Xylene	1.5	0.25		6.5	1.1	5	9/30/15 6:04	TPH	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	128	70-130	9/30/15 6:04

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**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-3**  
**Sample ID: 15H1137-03**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:16

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2001  
 Canister Size: 6 liter  
 Flow Controller ID: 4262  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6.5  
 Receipt Vacuum(in Hg): -6  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**MADEP APH rev 1**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	ND	0.94		ND	3.0	5	9/29/15 17:16		TPH
1,3-Butadiene	ND	0.94		ND	2.1	5	9/29/15 17:16		TPH
Ethylbenzene	ND	0.94		ND	4.1	5	9/29/15 17:16		TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.94		ND	3.4	5	9/29/15 17:16		TPH
Toluene	ND	0.94		ND	3.5	5	9/29/15 17:16		TPH
Naphthalene	ND	0.84		ND	4.4	5	9/29/15 17:16		TPH
m&p-Xylene	1.7	0.94		7.4	4.1	5	9/29/15 17:16		TPH
o-Xylene	1.0	0.94		4.4	4.1	5	9/29/15 17:16		TPH
C5-C8 Aliphatics				88	42	5	9/29/15 17:16		TPH
C9-C10 Aromatics				ND	47	5	9/29/15 17:16		TPH
C9-C12 Aliphatics				120	66	5	9/29/15 17:16		TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (4)	122	70-130	9/29/15 17:16

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-4**  
**Sample ID: 15H1137-04**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:32

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2005  
 Canister Size: 6 liter  
 Flow Controller ID: 4219  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.4  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	25	10		60	24	5	9/30/15	6:42	TPH
Benzene	0.33	0.25		1.1	0.80	5	9/30/15	6:42	TPH
Benzyl chloride	ND	0.25		ND	1.3	5	9/30/15	6:42	TPH
Bromodichloromethane	ND	0.25		ND	1.7	5	9/30/15	6:42	TPH
Bromoform	ND	0.25		ND	2.6	5	9/30/15	6:42	TPH
Bromomethane	ND	0.25		ND	0.97	5	9/30/15	6:42	TPH
1,3-Butadiene	ND	0.25		ND	0.55	5	9/30/15	6:42	TPH
2-Butanone (MEK)	ND	10		ND	29	5	9/30/15	6:42	TPH
Carbon Disulfide	ND	2.5		ND	7.8	5	9/30/15	6:42	TPH
Carbon Tetrachloride	0.44	0.25		2.8	1.6	5	9/30/15	6:42	TPH
Chlorobenzene	ND	0.25		ND	1.2	5	9/30/15	6:42	TPH
Chloroethane	ND	0.25		ND	0.66	5	9/30/15	6:42	TPH
Chloroform	0.41	0.25		2.0	1.2	5	9/30/15	6:42	TPH
Chloromethane	ND	0.50		ND	1.0	5	9/30/15	6:42	TPH
Cyclohexane	ND	0.25		ND	0.86	5	9/30/15	6:42	TPH
Dibromochloromethane	ND	0.25		ND	2.1	5	9/30/15	6:42	TPH
1,2-Dibromoethane (EDB)	ND	0.25		ND	1.9	5	9/30/15	6:42	TPH
1,2-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15	6:42	TPH
1,3-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15	6:42	TPH
1,4-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15	6:42	TPH
Dichlorodifluoromethane (Freon 12)	0.50	0.25		2.5	1.2	5	9/30/15	6:42	TPH
1,1-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15	6:42	TPH
1,2-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15	6:42	TPH
1,1-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15	6:42	TPH
cis-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15	6:42	TPH
trans-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15	6:42	TPH
1,2-Dichloropropane	ND	0.25		ND	1.2	5	9/30/15	6:42	TPH
cis-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15	6:42	TPH
trans-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15	6:42	TPH
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.25		ND	1.7	5	9/30/15	6:42	TPH
1,4-Dioxane	ND	2.5		ND	9.0	5	9/30/15	6:42	TPH
Ethanol	11	10		20	19	5	9/30/15	6:42	TPH
Ethyl Acetate	ND	0.25		ND	0.90	5	9/30/15	6:42	TPH
Ethylbenzene	ND	0.25		ND	1.1	5	9/30/15	6:42	TPH
4-Ethyltoluene	ND	0.25		ND	1.2	5	9/30/15	6:42	TPH
Heptane	ND	0.25		ND	1.0	5	9/30/15	6:42	TPH
Hexachlorobutadiene	ND	0.25		ND	2.7	5	9/30/15	6:42	TPH

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-4**  
**Sample ID: 15H1137-04**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:32

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2005  
 Canister Size: 6 liter  
 Flow Controller ID: 4219  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.4  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Hexane	ND	10		ND	35	5	9/30/15 6:42	TPH	
2-Hexanone (MBK)	0.50	0.25		2.0	1.0	5	9/30/15 6:42	TPH	
Isopropanol	ND	10		ND	25	5	9/30/15 6:42	TPH	
Methyl tert-Butyl Ether (MTBE)	ND	0.25		ND	0.90	5	9/30/15 6:42	TPH	
Methylene Chloride	ND	2.5		ND	8.7	5	9/30/15 6:42	TPH	
4-Methyl-2-pentanone (MIBK)	0.32	0.25		1.3	1.0	5	9/30/15 6:42	TPH	
Naphthalene	0.60	0.25		3.1	1.3	5	9/30/15 6:42	TPH	
Propene	ND	10		ND	17	5	9/30/15 6:42	TPH	
Styrene	ND	0.25		ND	1.1	5	9/30/15 6:42	TPH	
1,1,2,2-Tetrachloroethane	ND	0.25		ND	1.7	5	9/30/15 6:42	TPH	
Tetrachloroethylene	ND	0.25		ND	1.7	5	9/30/15 6:42	TPH	
Tetrahydrofuran	ND	0.25		ND	0.74	5	9/30/15 6:42	TPH	
Toluene	0.72	0.25		2.7	0.94	5	9/30/15 6:42	TPH	
1,2,4-Trichlorobenzene	ND	0.25		ND	1.9	5	9/30/15 6:42	TPH	
1,1,1-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 6:42	TPH	
1,1,2-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 6:42	TPH	
Trichloroethylene	ND	0.25		ND	1.3	5	9/30/15 6:42	TPH	
Trichlorofluoromethane (Freon 11)	ND	1.0		ND	5.6	5	9/30/15 6:42	TPH	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0		ND	7.7	5	9/30/15 6:42	TPH	
1,2,4-Trimethylbenzene	0.29	0.25		1.4	1.2	5	9/30/15 6:42	TPH	
1,3,5-Trimethylbenzene	ND	0.25		ND	1.2	5	9/30/15 6:42	TPH	
Vinyl Acetate	ND	5.0		ND	18	5	9/30/15 6:42	TPH	
Vinyl Chloride	ND	0.25		ND	0.64	5	9/30/15 6:42	TPH	
m&p-Xylene	1.0	0.50		4.5	2.2	5	9/30/15 6:42	TPH	
o-Xylene	0.59	0.25		2.6	1.1	5	9/30/15 6:42	TPH	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	128	70-130	9/30/15 6:42

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: SG-4**  
**Sample ID: 15H1137-04**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:32

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2005  
 Canister Size: 6 liter  
 Flow Controller ID: 4219  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.4  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**MADEP APH rev 1**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Benzene	ND	0.94		ND	3.0	5	9/29/15 15:07		TPH
1,3-Butadiene	ND	0.94		ND	2.1	5	9/29/15 15:07		TPH
Ethylbenzene	ND	0.94		ND	4.1	5	9/29/15 15:07		TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.94		ND	3.4	5	9/29/15 15:07		TPH
Toluene	ND	0.94		ND	3.5	5	9/29/15 15:07		TPH
Naphthalene	ND	0.84		ND	4.4	5	9/29/15 15:07		TPH
m&p-Xylene	ND	0.94		ND	4.1	5	9/29/15 15:07		TPH
o-Xylene	ND	0.94		ND	4.1	5	9/29/15 15:07		TPH
C5-C8 Aliphatics					160	42	5	9/29/15 15:07	TPH
C9-C10 Aromatics					ND	47	5	9/29/15 15:07	TPH
C9-C12 Aliphatics					230	66	5	9/29/15 15:07	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (4)	119	70-130	9/29/15 15:07

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: DUP-1**  
**Sample ID: 15H1137-05**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:16

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1977  
 Canister Size: 6 liter  
 Flow Controller ID: 4263  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Acetone	ND	10		ND	24	5	9/30/15 7:19	TPH	
Benzene	ND	0.25		ND	0.80	5	9/30/15 7:19	TPH	
Benzyl chloride	ND	0.25		ND	1.3	5	9/30/15 7:19	TPH	
Bromodichloromethane	ND	0.25		ND	1.7	5	9/30/15 7:19	TPH	
Bromoform	ND	0.25		ND	2.6	5	9/30/15 7:19	TPH	
Bromomethane	ND	0.25		ND	0.97	5	9/30/15 7:19	TPH	
1,3-Butadiene	ND	0.25		ND	0.55	5	9/30/15 7:19	TPH	
2-Butanone (MEK)	ND	10		ND	29	5	9/30/15 7:19	TPH	
Carbon Disulfide	ND	2.5		ND	7.8	5	9/30/15 7:19	TPH	
Carbon Tetrachloride	ND	0.25		ND	1.6	5	9/30/15 7:19	TPH	
Chlorobenzene	ND	0.25		ND	1.2	5	9/30/15 7:19	TPH	
Chloroethane	ND	0.25		ND	0.66	5	9/30/15 7:19	TPH	
Chloroform	0.26	0.25		1.3	1.2	5	9/30/15 7:19	TPH	
Chloromethane	ND	0.50		ND	1.0	5	9/30/15 7:19	TPH	
Cyclohexane	ND	0.25		ND	0.86	5	9/30/15 7:19	TPH	
Dibromochloromethane	ND	0.25		ND	2.1	5	9/30/15 7:19	TPH	
1,2-Dibromoethane (EDB)	ND	0.25		ND	1.9	5	9/30/15 7:19	TPH	
1,2-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15 7:19	TPH	
1,3-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15 7:19	TPH	
1,4-Dichlorobenzene	ND	0.25		ND	1.5	5	9/30/15 7:19	TPH	
Dichlorodifluoromethane (Freon 12)	0.61	0.25		3.0	1.2	5	9/30/15 7:19	TPH	
1,1-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15 7:19	TPH	
1,2-Dichloroethane	ND	0.25		ND	1.0	5	9/30/15 7:19	TPH	
1,1-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15 7:19	TPH	
cis-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15 7:19	TPH	
trans-1,2-Dichloroethylene	ND	0.25		ND	0.99	5	9/30/15 7:19	TPH	
1,2-Dichloropropane	ND	0.25		ND	1.2	5	9/30/15 7:19	TPH	
cis-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15 7:19	TPH	
trans-1,3-Dichloropropene	ND	0.25		ND	1.1	5	9/30/15 7:19	TPH	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.25		ND	1.7	5	9/30/15 7:19	TPH	
1,4-Dioxane	ND	2.5		ND	9.0	5	9/30/15 7:19	TPH	
Ethanol	ND	10		ND	19	5	9/30/15 7:19	TPH	
Ethyl Acetate	ND	0.25		ND	0.90	5	9/30/15 7:19	TPH	
Ethylbenzene	0.63	0.25		2.7	1.1	5	9/30/15 7:19	TPH	
4-Ethyltoluene	ND	0.25		ND	1.2	5	9/30/15 7:19	TPH	
Heptane	ND	0.25		ND	1.0	5	9/30/15 7:19	TPH	
Hexachlorobutadiene	ND	0.25		ND	2.7	5	9/30/15 7:19	TPH	

**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: DUP-1**  
**Sample ID: 15H1137-05**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:16

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1977  
 Canister Size: 6 liter  
 Flow Controller ID: 4263  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Hexane	ND	10		ND	35	5	9/30/15 7:19	TPH	
2-Hexanone (MBK)	ND	0.25		ND	1.0	5	9/30/15 7:19	TPH	
Isopropanol	ND	10		ND	25	5	9/30/15 7:19	TPH	
Methyl tert-Butyl Ether (MTBE)	ND	0.25		ND	0.90	5	9/30/15 7:19	TPH	
Methylene Chloride	ND	2.5		ND	8.7	5	9/30/15 7:19	TPH	
4-Methyl-2-pentanone (MIBK)	ND	0.25		ND	1.0	5	9/30/15 7:19	TPH	
Naphthalene	ND	0.25		ND	1.3	5	9/30/15 7:19	TPH	
Propene	ND	10		ND	17	5	9/30/15 7:19	TPH	
Styrene	ND	0.25		ND	1.1	5	9/30/15 7:19	TPH	
1,1,2,2-Tetrachloroethane	ND	0.25		ND	1.7	5	9/30/15 7:19	TPH	
Tetrachloroethylene	1.5	0.25		10	1.7	5	9/30/15 7:19	TPH	
Tetrahydrofuran	ND	0.25		ND	0.74	5	9/30/15 7:19	TPH	
Toluene	ND	0.25		ND	0.94	5	9/30/15 7:19	TPH	
1,2,4-Trichlorobenzene	ND	0.25		ND	1.9	5	9/30/15 7:19	TPH	
1,1,1-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 7:19	TPH	
1,1,2-Trichloroethane	ND	0.25		ND	1.4	5	9/30/15 7:19	TPH	
Trichloroethylene	ND	0.25		ND	1.3	5	9/30/15 7:19	TPH	
Trichlorofluoromethane (Freon 11)	ND	1.0		ND	5.6	5	9/30/15 7:19	TPH	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0		ND	7.7	5	9/30/15 7:19	TPH	
1,2,4-Trimethylbenzene	ND	0.25		ND	1.2	5	9/30/15 7:19	TPH	
1,3,5-Trimethylbenzene	ND	0.25		ND	1.2	5	9/30/15 7:19	TPH	
Vinyl Acetate	ND	5.0		ND	18	5	9/30/15 7:19	TPH	
Vinyl Chloride	ND	0.25		ND	0.64	5	9/30/15 7:19	TPH	
m&p-Xylene	2.5	0.50		11	2.2	5	9/30/15 7:19	TPH	
o-Xylene	1.4	0.25		5.9	1.1	5	9/30/15 7:19	TPH	

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	128	70-130	9/30/15 7:19

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**ANALYTICAL RESULTS**

Project Location: Foster Mills, Wilton, ME  
 Date Received: 9/25/2015  
**Field Sample #: DUP-1**  
**Sample ID: 15H1137-05**  
 Sample Matrix: Air  
 Sampled: 9/24/2015 10:16

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1977  
 Canister Size: 6 liter  
 Flow Controller ID: 4263  
 Sample Type: 1 hr

**Work Order: 15H1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling: <20%

**MADEP APH rev 1**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analized		
Benzene	ND	0.94		ND	3.0	5	9/29/15 15:46		TPH
1,3-Butadiene	ND	0.94		ND	2.1	5	9/29/15 15:46		TPH
Ethylbenzene	ND	0.94		ND	4.1	5	9/29/15 15:46		TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.94		ND	3.4	5	9/29/15 15:46		TPH
Toluene	ND	0.94		ND	3.5	5	9/29/15 15:46		TPH
Naphthalene	ND	0.84		ND	4.4	5	9/29/15 15:46		TPH
m&p-Xylene	1.7	0.94		7.2	4.1	5	9/29/15 15:46		TPH
o-Xylene	0.96	0.94		4.2	4.1	5	9/29/15 15:46		TPH
C5-C8 Aliphatics				55	42	5	9/29/15 15:46		TPH
C9-C10 Aromatics				ND	47	5	9/29/15 15:46		TPH
C9-C12 Aliphatics				93	66	5	9/29/15 15:46		TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (4)	118	70-130	9/29/15 15:46

**Sample Extraction Data**

**Prep Method: TO-15 Prep-EPA TO-15**

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
15I1137-01 [SG-1]	B131862	1.5	1	N/A	1000	400	300	09/29/15
15I1137-02 [SG-2]	B131862	1.5	1	N/A	1000	400	120	09/29/15
15I1137-03 [SG-3]	B131862	1.5	1	N/A	1000	400	120	09/29/15
15I1137-04 [SG-4]	B131862	1.5	1	N/A	1000	400	120	09/29/15
15I1137-05 [DUP-1]	B131862	1.5	1	N/A	1000	400	120	09/29/15

**Prep Method: APH Prep-MADEP APH rev 1**

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
15I1137-01 [SG-1]	B131865	1.5	1	N/A	1000	400	300	09/28/15
15I1137-02 [SG-2]	B131865	1.5	1	N/A	1000	400	120	09/28/15
15I1137-03 [SG-3]	B131865	1.5	1	N/A	1000	400	120	09/28/15
15I1137-04 [SG-4]	B131865	1.5	1	N/A	1000	400	120	09/28/15
15I1137-05 [DUP-1]	B131865	1.5	1	N/A	1000	400	120	09/28/15

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**QUALITY CONTROL**

**Air Petroleum Hydrocarbons Analyses - Quality Control**

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
<b>Batch B131865 - APH Prep</b>											
<b>Blank (B131865-BLK1)</b>											
						Prepared: 09/28/15 Analyzed: 09/29/15					
Benzene	ND	0.13									
1,3-Butadiene	ND	0.13									
Ethylbenzene	ND	0.13									
Methyl tert-Butyl Ether (MTBE)	ND	0.13									
Toluene	ND	0.13									
Naphthalene	ND	0.11									
m&p-Xylene	ND	0.13									
o-Xylene	ND	0.13									
C5-C8 Aliphatics				ND							
C9-C10 Aromatics				ND							
C9-C12 Aliphatics				ND							
<i>Surrogate: 4-Bromofluorobenzene (4)</i>	<i>9.13</i>				<i>8.00</i>		<i>114</i>	<i>70-130</i>			
<b>LCS (B131865-BS1)</b>											
						Prepared: 09/28/15 Analyzed: 09/29/15					
Benzene	10.6				9.38		113	70-130			
1,3-Butadiene	8.85				9.38		94.4	70-130			
Decane	11.8				9.38		126	70-130			
Ethylbenzene	10.9				9.38		116	70-130			
Heptane	11.3				9.38		121	70-130			
Methyl tert-Butyl Ether (MTBE)	12.1				9.38		129	70-130			
Toluene	11.2				9.38		119	70-130			
1,3,5-Trimethylbenzene	10.7				9.38		114	70-130			
Naphthalene	12.4				9.38		132	50-150			
m&p-Xylene	10.6				9.38		113	70-130			
o-Xylene	10.9				9.38		117	70-130			
<i>Surrogate: 4-Bromofluorobenzene (4)</i>	<i>9.26</i>				<i>8.00</i>		<i>116</i>	<i>70-130</i>			

**QUALITY CONTROL**

**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	RPD	RPD Limit	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	%REC Limits	RPD		

**Batch B131862 - TO-15 Prep**

**Blank (B131862-BLK1)**

Prepared & Analyzed: 09/29/15

Acetone	ND	1.4
Benzene	ND	0.035
Benzyl chloride	ND	0.035
Bromodichloromethane	ND	0.035
Bromoform	ND	0.035
Bromomethane	ND	0.035
1,3-Butadiene	ND	0.035
2-Butanone (MEK)	ND	1.4
Carbon Disulfide	ND	0.35
Carbon Tetrachloride	ND	0.035
Chlorobenzene	ND	0.035
Chloroethane	ND	0.035
Chloroform	ND	0.035
Chloromethane	ND	0.070
Cyclohexane	ND	0.035
Dibromochloromethane	ND	0.035
1,2-Dibromoethane (EDB)	ND	0.035
1,2-Dichlorobenzene	ND	0.035
1,3-Dichlorobenzene	ND	0.035
1,4-Dichlorobenzene	ND	0.035
Dichlorodifluoromethane (Freon 12)	ND	0.035
1,1-Dichloroethane	ND	0.035
1,2-Dichloroethane	ND	0.035
1,1-Dichloroethylene	ND	0.035
cis-1,2-Dichloroethylene	ND	0.035
trans-1,2-Dichloroethylene	ND	0.035
1,2-Dichloropropane	ND	0.035
cis-1,3-Dichloropropene	ND	0.035
trans-1,3-Dichloropropene	ND	0.035
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	ND	0.035
1,4-Dioxane	ND	0.35
Ethanol	ND	1.4
Ethyl Acetate	ND	0.035
Ethylbenzene	ND	0.035
4-Ethyltoluene	ND	0.035
Heptane	ND	0.035
Hexachlorobutadiene	ND	0.035
Hexane	ND	1.4
2-Hexanone (MBK)	ND	0.035
Isopropanol	ND	1.4
Methyl tert-Butyl Ether (MTBE)	ND	0.035
Methylene Chloride	ND	0.35
4-Methyl-2-pentanone (MIBK)	ND	0.035
Naphthalene	ND	0.035
Propene	ND	1.4
Styrene	ND	0.035

**QUALITY CONTROL**

**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
<b>Batch B131862 - TO-15 Prep</b>											
<b>Blank (B131862-BLK1)</b>						Prepared & Analyzed: 09/29/15					
1,1,2,2-Tetrachloroethane	ND	0.035									
Tetrachloroethylene	ND	0.035									
Tetrahydrofuran	ND	0.035									
Toluene	ND	0.035									
1,2,4-Trichlorobenzene	ND	0.035									
1,1,1-Trichloroethane	ND	0.035									
1,1,2-Trichloroethane	ND	0.035									
Trichloroethylene	ND	0.035									
Trichlorofluoromethane (Freon 11)	ND	0.14									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.14									
1,2,4-Trimethylbenzene	ND	0.035									
1,3,5-Trimethylbenzene	ND	0.035									
Vinyl Acetate	ND	0.70									
Vinyl Chloride	ND	0.035									
m&p-Xylene	ND	0.070									
o-Xylene	ND	0.035									
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>10.0</i>				<i>8.00</i>		<i>125</i>		<i>70-130</i>		
<b>LCS (B131862-BS1)</b>						Prepared & Analyzed: 09/29/15					
Acetone	4.27				5.00		85.4		70-130		
Benzene	4.68				5.00		93.7		70-130		
Benzyl chloride	3.85				5.00		77.1		70-130		
Bromodichloromethane	4.86				5.00		97.2		70-130		
Bromoform	6.23				5.00		125		70-130		
Bromomethane	3.56				5.00		71.3		70-130		
1,3-Butadiene	3.79				5.00		75.9		70-130		
2-Butanone (MEK)	5.75				5.00		115		70-130		
Carbon Disulfide	5.27				5.00		105		70-130		
Carbon Tetrachloride	5.40				5.00		108		70-130		
Chlorobenzene	5.52				5.00		110		70-130		
Chloroethane	3.72				5.00		74.4		70-130		
Chloroform	5.96				5.00		119		70-130		
Chloromethane	3.89				5.00		77.8		70-130		
Cyclohexane	4.98				5.00		99.5		70-130		
Dibromochloromethane	5.47				5.00		109		70-130		
1,2-Dibromoethane (EDB)	5.07				5.00		101		70-130		
1,2-Dichlorobenzene	6.21				5.00		124		70-130		
1,3-Dichlorobenzene	6.24				5.00		125		70-130		
1,4-Dichlorobenzene	6.23				5.00		125		70-130		
Dichlorodifluoromethane (Freon 12)	5.78				5.00		116		70-130		
1,1-Dichloroethane	5.60				5.00		112		70-130		
1,2-Dichloroethane	5.96				5.00		119		70-130		
1,1-Dichloroethylene	5.84				5.00		117		70-130		
cis-1,2-Dichloroethylene	5.72				5.00		114		70-130		
trans-1,2-Dichloroethylene	5.22				5.00		104		70-130		
1,2-Dichloropropane	4.26				5.00		85.2		70-130		

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**QUALITY CONTROL**

**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
<b>Batch B131862 - TO-15 Prep</b>											
<b>LCS (B131862-BS1)</b>											
Prepared & Analyzed: 09/29/15											
cis-1,3-Dichloropropene	4.46				5.00		89.2	70-130			
trans-1,3-Dichloropropene	4.30				5.00		86.0	70-130			
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	3.86				5.00		77.2	70-130			
1,4-Dioxane	5.46				5.00		109	70-130			
Ethanol	4.80				5.00		96.0	70-130			
Ethyl Acetate	5.63				5.00		113	70-130			
Ethylbenzene	5.46				5.00		109	70-130			
4-Ethyltoluene	5.23				5.00		105	70-130			
Heptane	4.68				5.00		93.5	70-130			
Hexachlorobutadiene	7.61				5.00		<b>152</b> *	70-130			L-01, V-06
Hexane	4.00				5.00		79.9	70-130			
2-Hexanone (MBK)	5.05				5.00		101	70-130			
Isopropanol	3.72				5.00		74.4	70-130			
Methyl tert-Butyl Ether (MTBE)	4.77				5.00		95.5	70-130			
Methylene Chloride	5.79				5.00		116	70-130			
4-Methyl-2-pentanone (MIBK)	4.62				5.00		92.4	70-130			
Naphthalene	5.77				5.00		115	70-130			
Propene	6.15				5.00		123	70-130			
Styrene	5.47				5.00		109	70-130			
1,1,2,2-Tetrachloroethane	5.02				5.00		100	70-130			
Tetrachloroethylene	5.24				5.00		105	70-130			
Tetrahydrofuran	6.38				5.00		128	70-130			
Toluene	5.09				5.00		102	70-130			
1,2,4-Trichlorobenzene	7.27				5.00		<b>145</b> *	70-130			L-01, V-06
1,1,1-Trichloroethane	4.54				5.00		90.8	70-130			
1,1,2-Trichloroethane	4.96				5.00		99.3	70-130			
Trichloroethylene	4.68				5.00		93.7	70-130			
Trichlorofluoromethane (Freon 11)	4.59				5.00		91.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	6.55				5.00		<b>131</b> *	70-130			L-01
1,2,4-Trimethylbenzene	5.30				5.00		106	70-130			
1,3,5-Trimethylbenzene	5.13				5.00		103	70-130			
Vinyl Acetate	5.39				5.00		108	70-130			
Vinyl Chloride	3.87				5.00		77.3	70-130			
m&p-Xylene	10.8				10.0		108	70-130			
o-Xylene	5.29				5.00		106	70-130			
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	<i>10.2</i>				<i>8.00</i>		<i>127</i>	<i>70-130</i>			

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
  - † Wide recovery limits established for difficult compound.
  - ‡ Wide RPD limits established for difficult compound.
  - # Data exceeded client recommended or regulatory level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.  
No results have been blank subtracted unless specified in the case narrative section.
- L-01 Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
  - V-06 Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

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**INTERNAL STANDARD AREA AND RT SUMMARY**

**EPA TO-15**

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
<b>Calibration Check (S009677-CCV1 )</b>									
			Lab File ID: G092905.D			Analyzed: 09/29/15 16:29			
Bromochloromethane (1)	590592	9.1	610804	9.102	97	60 - 140	-0.0020	+/-0.50	
1,4-Difluorobenzene (1)	2112463	11.021	1689829	11.023	125	60 - 140	-0.0020	+/-0.50	
Chlorobenzene-d5 (1)	1884810	15.839	1727663	15.833	109	60 - 140	0.0060	+/-0.50	
<b>LCS (B131862-BS1 )</b>									
			Lab File ID: G092906.D			Analyzed: 09/29/15 17:06			
Bromochloromethane (1)	580122	9.1	590592	9.1	98	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	2120726	11.021	2112463	11.021	100	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1962479	15.839	1884810	15.839	104	60 - 140	0.0000	+/-0.50	
<b>Blank (B131862-BLK1 )</b>									
			Lab File ID: G092910.D			Analyzed: 09/29/15 19:43			
Bromochloromethane (1)	591171	9.1	590592	9.1	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1979296	11.021	2112463	11.021	94	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1866359	15.839	1884810	15.839	99	60 - 140	0.0000	+/-0.50	
<b>SG-1 (15I1137-01 )</b>									
			Lab File ID: G092922.D			Analyzed: 09/30/15 04:50			
Bromochloromethane (1)	582338	9.1	590592	9.1	99	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1787965	11.021	2112463	11.021	85	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1795755	15.831	1884810	15.839	95	60 - 140	-0.0080	+/-0.50	
<b>SG-2 (15I1137-02 )</b>									
			Lab File ID: G092923.D			Analyzed: 09/30/15 05:27			
Bromochloromethane (1)	581011	9.1	590592	9.1	98	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1821239	11.021	2112463	11.021	86	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1757695	15.84	1884810	15.839	93	60 - 140	0.0010	+/-0.50	
<b>SG-3 (15I1137-03 )</b>									
			Lab File ID: G092924.D			Analyzed: 09/30/15 06:04			
Bromochloromethane (1)	571879	9.1	590592	9.1	97	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1859154	11.021	2112463	11.021	88	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1752853	15.84	1884810	15.839	93	60 - 140	0.0010	+/-0.50	
<b>SG-4 (15I1137-04 )</b>									
			Lab File ID: G092925.D			Analyzed: 09/30/15 06:42			
Bromochloromethane (1)	580026	9.1	590592	9.1	98	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	1810379	11.021	2112463	11.021	86	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1729489	15.84	1884810	15.839	92	60 - 140	0.0010	+/-0.50	
<b>DUP-1 (15I1137-05 )</b>									
			Lab File ID: G092926.D			Analyzed: 09/30/15 07:19			
Bromochloromethane (1)	559238	9.109	590592	9.1	95	60 - 140	0.0090	+/-0.50	
1,4-Difluorobenzene (1)	1866398	11.021	2112463	11.021	88	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	1712057	15.84	1884810	15.839	91	60 - 140	0.0010	+/-0.50	

**INTERNAL STANDARD AREA AND RT SUMMARY**

**MADEP APH rev 1**

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**INTERNAL STANDARD AREA AND RT SUMMARY**

**MADEP APH rev 1**

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
<b>Calibration Check (S009678-CCV1 )</b>									
			Lab File ID: B092805.D			Analyzed: 09/29/15 00:37			
Bromochloromethane (4)	273176	8.248	252616	8.28	108	50 - 200	-0.0320	+/-0.50	
1,4-Difluorobenzene (4)	531787	10.135	437111	10.173	122	50 - 200	-0.0380	+/-0.50	
Chlorobenzene-d5 (4)	458428	14.9	374963	14.954	122	50 - 200	-0.0540	+/-0.50	
<b>LCS (B131865-BS1 )</b>									
			Lab File ID: B092806.D			Analyzed: 09/29/15 01:16			
Bromochloromethane (4)	268997	8.247	273176	8.248	98	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene (4)	521129	10.134	531787	10.135	98	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5 (4)	455445	14.899	458428	14.9	99	50 - 200	-0.0010	+/-0.50	
<b>Blank (B131865-BLK1 )</b>									
			Lab File ID: B092809.D			Analyzed: 09/29/15 03:32			
Bromochloromethane (4)	166197	8.253	273176	8.248	61	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene (4)	360231	10.134	531787	10.135	68	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5 (4)	334769	14.899	458428	14.9	73	50 - 200	-0.0010	+/-0.50	
<b>SG-1 (15I1137-01 )</b>									
			Lab File ID: B092818.D			Analyzed: 09/29/15 09:43			
Bromochloromethane (4)	186006	8.251	273176	8.248	68	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene (4)	369165	10.137	531787	10.135	69	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5 (4)	335029	14.902	458428	14.9	73	50 - 200	0.0020	+/-0.50	
<b>SG-2 (15I1137-02 )</b>									
			Lab File ID: B092824.D			Analyzed: 09/29/15 13:48			
Bromochloromethane (4)	151913	8.247	273176	8.248	56	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene (4)	348849	10.134	531787	10.135	66	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5 (4)	322623	14.899	458428	14.9	70	50 - 200	-0.0010	+/-0.50	
<b>SG-4 (15I1137-04 )</b>									
			Lab File ID: B092826.D			Analyzed: 09/29/15 15:07			
Bromochloromethane (4)	168460	8.248	273176	8.248	62	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene (4)	364180	10.135	531787	10.135	68	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5 (4)	332597	14.9	458428	14.9	73	50 - 200	0.0000	+/-0.50	
<b>DUP-1 (15I1137-05 )</b>									
			Lab File ID: B092827.D			Analyzed: 09/29/15 15:46			
Bromochloromethane (4)	175008	8.248	273176	8.248	64	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene (4)	375702	10.134	531787	10.135	71	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5 (4)	341444	14.899	458428	14.9	74	50 - 200	-0.0010	+/-0.50	
<b>SG-3 (15I1137-03 )</b>									
			Lab File ID: B092829.D			Analyzed: 09/29/15 17:16			
Bromochloromethane (4)	160723	8.248	273176	8.248	59	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene (4)	366291	10.134	531787	10.135	69	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5 (4)	374399	14.899	458428	14.9	82	50 - 200	-0.0010	+/-0.50	

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CONTINUING CALIBRATION CHECK

EPA TO-15

S009677-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	5.62	0.6463774	0.7261812		12.3	30
Benzene	A	5.00	4.60	0.8484007	0.7805986		-8.0	30
Benzyl chloride	A	5.00	3.88	0.7021335	0.5442331		-22.5	30
Bromodichloromethane	A	5.00	4.85	0.5047767	0.4894397		-3.0	30
Bromoform	L	5.00	6.40	0.3642874	0.5030321		28.0	30
Bromomethane	A	5.00	4.76	0.3800402	0.3615491		-4.9	30
1,3-Butadiene	A	5.00	3.72	0.2942498	0.2188638		-25.6	30
2-Butanone (MEK)	A	5.00	5.66	1.236279	1.398331		13.1	30
Carbon Disulfide	A	5.00	5.30	2.073751	2.196156		5.9	30
Carbon Tetrachloride	A	5.00	5.45	0.4658466	0.5077788		9.0	30
Chlorobenzene	A	5.00	5.43	0.6839442	0.7424553		8.6	30
Chloroethane	A	5.00	5.33	0.2012102	0.2144127		6.6	30
Chloroform	A	5.00	5.80	1.578296	1.831897		16.1	30
Chloromethane	A	5.00	3.91	0.3417204	0.2669565		-21.9	30
Cyclohexane	A	5.00	4.91	0.2870356	0.2820806		-1.7	30
Dibromochloromethane	A	5.00	5.72	0.469576	0.5370948		14.4	30
1,2-Dibromoethane (EDB)	A	5.00	5.23	0.4896425	0.5120567		4.6	30
1,2-Dichlorobenzene	A	5.00	6.25	0.5587234	0.6981907		25.0	30
1,3-Dichlorobenzene	A	5.00	6.31	0.5927616	0.7478407		26.2	30
1,4-Dichlorobenzene	A	5.00	6.32	0.5867704	0.7418747		26.4	30
Dichlorodifluoromethane (Freon 12)	A	5.00	5.66	1.393134	1.577035		13.2	30
1,1-Dichloroethane	A	5.00	5.46	1.324216	1.446031		9.2	30
1,2-Dichloroethane	A	5.00	5.83	0.9570182	1.116642		16.7	30
1,1-Dichloroethylene	A	5.00	5.60	1.059549	1.187145		12.0	30
cis-1,2-Dichloroethylene	A	5.00	5.50	0.9701139	1.067122		10.0	30
trans-1,2-Dichloroethylene	A	5.00	5.06	1.075188	1.088711		1.3	30
1,2-Dichloropropane	A	5.00	4.26	0.3119848	0.2659591		-14.8	30
cis-1,3-Dichloropropene	A	5.00	4.47	0.4151388	0.3710315		-10.6	30
trans-1,3-Dichloropropene	A	5.00	4.31	0.3431527	0.2957094		-13.8	30
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 113)	A	5.00	3.82	1.034521	0.7898732		-23.6	30
1,4-Dioxane	A	5.00	5.32	0.1685255	0.1791259		6.3	30
Ethanol	A	5.00	5.86	8.329569E-02	9.768097E-02		17.3	30
Ethyl Acetate	A	5.00	5.27	0.1806199	0.1903907		5.4	30
Ethylbenzene	A	5.00	5.56	1.128251	1.254572		11.2	30
4-Ethyltoluene	A	5.00	5.32	1.196858	1.273321		6.4	30
Heptane	A	5.00	4.60	0.2322667	0.2135199		-8.1	30
Hexachlorobutadiene	A	5.00	7.48	0.3738994	0.5591643		49.5	30 *
Hexane	A	5.00	3.96	0.6949596	0.5502655		-20.8	30

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

CONTINUING CALIBRATION CHECK  
EPA TO-15

S009677-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
2-Hexanone (MBK)	A	5.00	4.99	0.4680272	0.4667641		-0.3	30
Isopropanol	A	5.00	3.86	0.6442574	0.4967734		-22.9	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	4.66	1.917449	1.785008		-6.9	30
Methylene Chloride	A	5.00	5.61	0.7194209	0.8068975		12.2	30
4-Methyl-2-pentanone (MIBK)	A	5.00	4.46	0.498387	0.4449259		-10.7	30
Naphthalene	A	5.00	5.38	1.08217	1.163533		7.5	30
Propene	A	5.00	6.25	0.3861327	0.4829811		25.1	30
Styrene	A	5.00	5.44	0.6447907	0.7017144		8.8	30
1,1,2,2-Tetrachloroethane	A	5.00	4.97	0.6714283	0.6673055		-0.6	30
Tetrachloroethylene	A	5.00	5.42	0.4681352	0.5074914		8.4	30
Tetrahydrofuran	A	5.00	6.13	0.3299352	0.4043753		22.6	30
Toluene	A	5.00	5.19	0.9816357	1.01871		3.8	30
1,2,4-Trichlorobenzene	A	5.00	6.85	0.4210263	0.5768798		37.0	30 *
1,1,1-Trichloroethane	A	5.00	4.62	0.470143	0.4340904		-7.7	30
1,1,2-Trichloroethane	A	5.00	5.16	0.3376888	0.3483742		3.2	30
Trichloroethylene	A	5.00	4.75	0.3515635	0.3338336		-5.0	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.91	0.9561176	0.938776		-1.8	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	5.00	6.34	1.369148	1.737175		26.9	30
1,2,4-Trimethylbenzene	A	5.00	5.32	0.9674279	1.029645		6.4	30
1,3,5-Trimethylbenzene	A	5.00	5.25	1.027269	1.07776		4.9	30
Vinyl Acetate	A	5.00	5.22	1.943139	2.030708		4.5	30
Vinyl Chloride	A	5.00	3.82	0.3973055	0.3039445		-23.5	30
m&p-Xylene	A	10.0	10.5	0.8476038	0.8896269		5.0	30
o-Xylene	A	5.00	5.34	0.8915761	0.9526494		6.9	30

# Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

\* Values outside of QC limits

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

CONTINUING CALIBRATION CHECK

MADEP APH rev 1

S009678-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Benzene	A	9.38	10.6	0.788663	0.8939196	0.05	13.3	30
1,3-Butadiene	A	9.38	11.3	0.3156076	0.3795674	0.05	20.3	30
Ethylbenzene	A	9.38	10.7	1.194193	1.366885	0.05	14.5	30
Methyl tert-Butyl Ether (MTBE)	A	9.38	12.0	1.141456	1.459793	0.05	27.9	30
Toluene	A	9.38	11.1	0.7724277	0.9118485	0.05	18.0	30
Naphthalene	A	9.38	8.30	0.937891	0.8301327	0.05	-11.5	30
m&p-Xylene	A	9.38	10.3	0.9464494	1.041209	0.05	10.0	30
o-Xylene	A	9.38	10.6	0.9181589	1.038391	0.05	13.1	30
C5-C8 Aliphatics (µg/m³)	A	214	239	0.518912	0.580986	0.05	12.0	30
C9-C10 Aromatics (µg/m³)	A	236	248	7.769163E-02	8.161923E-02	0.05	5.1	30
C9-C12 Aliphatics (µg/m³)	A	333	374	0.6254355	0.7018512	0.05	12.2	30

# Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

\* Values outside of QC limits

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>EPA TO-15 in Air</i>	
Acetone	AIHA,NY,ME
Benzene	AIHA,FL,NJ,NY,VA,ME
Benzyl chloride	AIHA,FL,NJ,NY,VA,ME
Bromodichloromethane	AIHA,NJ,NY,VA,ME
Bromoform	AIHA,NJ,NY,VA,ME
Bromomethane	AIHA,FL,NJ,NY,ME
1,3-Butadiene	AIHA,NJ,NY,VA,ME
2-Butanone (MEK)	AIHA,FL,NJ,NY,VA,ME
Carbon Disulfide	AIHA,NJ,NY,VA,ME
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA,ME
Chlorobenzene	AIHA,FL,NJ,NY,VA,ME
Chloroethane	AIHA,FL,NJ,NY,VA,ME
Chloroform	AIHA,FL,NJ,NY,VA,ME
Chloromethane	AIHA,FL,NJ,NY,VA,ME
Cyclohexane	AIHA,NJ,NY,VA,ME
Dibromochloromethane	AIHA,NY,ME
1,2-Dibromoethane (EDB)	AIHA,NJ,NY,ME
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA,ME
1,3-Dichlorobenzene	AIHA,NJ,NY,ME
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,VA,ME
Dichlorodifluoromethane (Freon 12)	AIHA,NY,ME
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA,ME
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA,ME
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA,ME
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA,ME
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA,ME
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA,ME
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,VA,ME
trans-1,3-Dichloropropene	AIHA,NY,ME
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	AIHA,NJ,NY,VA,ME
1,4-Dioxane	AIHA,NJ,NY,VA,ME
Ethanol	AIHA
Ethyl Acetate	AIHA
Ethylbenzene	AIHA,FL,NJ,NY,VA,ME
4-Ethyltoluene	AIHA,NJ
Heptane	AIHA,NJ,NY,VA,ME
Hexachlorobutadiene	AIHA,NJ,NY,VA,ME
Hexane	AIHA,FL,NJ,NY,VA,ME
2-Hexanone (MBK)	AIHA
Isopropanol	AIHA,NY,ME
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA,ME
Methylene Chloride	AIHA,FL,NJ,NY,VA,ME
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY,ME
Naphthalene	NY,ME
Propene	AIHA
Styrene	AIHA,FL,NJ,NY,VA,ME
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,VA,ME

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b>EPA TO-15 in Air</b>	
Tetrachloroethylene	AIHA,FL,NJ,NY,VA,ME
Tetrahydrofuran	AIHA
Toluene	AIHA,FL,NJ,NY,VA,ME
1,2,4-Trichlorobenzene	AIHA,NJ,NY,VA,ME
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA,ME
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,VA,ME
Trichloroethylene	AIHA,FL,NJ,NY,VA,ME
Trichlorofluoromethane (Freon 11)	AIHA,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	AIHA,NJ,NY,VA,ME
1,2,4-Trimethylbenzene	AIHA,NJ,NY,ME
1,3,5-Trimethylbenzene	AIHA,NJ,NY,ME
Vinyl Acetate	AIHA,FL,NJ,NY,VA,ME
Vinyl Chloride	AIHA,FL,NJ,NY,VA,ME
m&p-Xylene	AIHA,FL,NJ,NY,VA,ME
o-Xylene	AIHA,FL,NJ,NY,VA,ME

**MADEP APH rev 1 in Air**

Benzene	ME
1,3-Butadiene	ME
Ethylbenzene	ME
Methyl tert-Butyl Ether (MTBE)	ME
Toluene	ME
Naphthalene	ME
m&p-Xylene	ME
o-Xylene	ME
C5-C8 Aliphatics	ME
C9-C10 Aromatics	ME
C9-C12 Aliphatics	ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Public Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	10/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2016
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2016





39 Sp. ...  
East Longmeadow, MA.  
01028  
P: 413-525-2332  
F: 413-525-6405

### AIR Only Receipt Checklist

CLIENT NAME: TRC

RECEIVED BY: JDL

DATE: 9/25/15

1) Was the chain(s) of custody relinquished and signed?

Yes  No

2) Does the chain agree with the samples?

Yes  No

If not, explain:

3) Are all the samples in good condition?

Yes  No

If not, explain:

4) Are there any samples "On Hold"?

Yes  No  Stored where:

5) Are there any RUSH or SHORT HOLDING TIME samples?

Yes  No

Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Location where samples are stored:

Air

Permission to subcontract samples? Yes No  
(Walk-in clients only) if not already approved  
Client Signature: \_\_\_\_\_

7) Number of cans Individually Certified or Batch Certified? 7

Containers received at Con-Test		
	# of Containers	Types (Size, Duration)
Summa Cans (TO-14/TO-15/APH)	7	6L
Tedlar Bags		
TO-17 Tubes		
Regulators	7	1 hr
Restrictors		
Hg/Hopcalite Tube (NIOSH 6009)		
(TO-4A/ TO-10A/TO-13) PUFs		
PCB Florisil Tubes (NIOSH 5503)		
Air cassette		
PM 2.5/PM 10		
TO-11A Cartridges		
Other		

Unused Summas/PUF Media: 2023  
2212

Unused Regulators: 4152  
4162

1) Was all media (used & unused) checked into the WASP?

2) Were all returned summa cans, Restrictors & Regulators and PUF's documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments: Summa #'s: 1962 2005 Reg #'s: 4218 4219  
1049 1977 4223 4263  
2001 4262

**Login Sample Receipt Checklist**  
**(Rejection Criteria Listing - Using Sample Acceptance Policy)**  
**Any False statement will be brought to the attention of Client**

<u>Question</u>	<u>Answer (True/False)</u>		<u>Comment</u>
	<u>T/F/NA</u>		
1) The coolers'/boxes' custody seal, if present, is intact.	NA		
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	NA		
4) Cooler Temperature is acceptable.	NA		
5) Cooler Temperature is recorded.	NA		
6) COC is filled out in ink and legible.	T		
7) COC is filled out with all pertinent information.	T		
8) Field Sampler's name present on COC.	T		
9) Samples are received within Holding Time.	T		
10) Sample containers have legible labels.	T		
11) Containers/media are not broken or leaking and valves and caps are closed tightly.	T		
12) Sample collection date/times are provided.	T		
13) Appropriate sample/media containers are used.	T		
14) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T		
15) Trip blanks provided if applicable.	NA		

Doc #278 Rev. 5 October 2014

Who notified of False statements?

Log-In Technician Initials: JDL

Date/Time:

Date/Time: 9/25/15 1550



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 8/4/2015 **Batch #:** F080403.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC1962 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:** PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 8/4/2015 **Batch #:** F080403.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC1962 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:**

PPBv	Ug/M3
RL	RL
<0.08	<0.17
<0.08	<0.27
<0.08	<0.24
<0.08	<0.28
<0.08	<0.33
<0.08	<0.33
<0.08	<0.33
<0.07	<0.39
	<3.4
	<5.3
	<3.8

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 7/6/2015 **Batch #:** B070609.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC1049 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:** PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 7/6/2015 **Batch #:** B070609.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC1049 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:**

PPBv		Ug/M3	
RL		RL	
<0.08	1,3-Butadiene	<0.17	1,3-Butadiene
<0.08	Methyl tert-butyl Ether	<0.27	Methyl tert-butyl Ether
<0.08	Benzene	<0.24	Benzene
<0.08	Toluene	<0.28	Toluene
<0.08	Ethylbenzene	<0.33	Ethylbenzene
<0.08	m,p-Xylenes	<0.33	m,p-Xylenes
<0.08	o-Xylene	<0.33	o-Xylene
<0.07	Naphthalene	<0.39	Naphthalene
		<3.4	C5 - C8 Aliphatic Range
		<5.3	C9 - C12 Aliphatic Range
		<3.8	C9 - C10 Aromatic Range

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 6/18/2015 **Batch #:** F061807.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC2001 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:** PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 6/18/2015 **Batch #:** F061807.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC2001 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:**

PPBv		Ug/M3	
RL		RL	
<0.08	1,3-Butadiene	<0.17	1,3-Butadiene
<0.08	Methyl tert-butyl Ether	<0.27	Methyl tert-butyl Ether
<0.08	Benzene	<0.24	Benzene
<0.08	Toluene	<0.28	Toluene
<0.08	Ethylbenzene	<0.33	Ethylbenzene
<0.08	m,p-Xylenes	<0.33	m,p-Xylenes
<0.08	o-Xylene	<0.33	o-Xylene
<0.07	Naphthalene	<0.39	Naphthalene
		<3.4	C5 - C8 Aliphatic Range
		<5.3	C9 - C12 Aliphatic Range
		<3.8	C9 - C10 Aromatic Range

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 6/25/2015 **Batch #:** G062524.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC2005 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:** PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	<0.20	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 6/25/2015 **Batch #:** G062524.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC2005 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:**

PPBv	Ug/M3
RL	RL
<0.08	<0.17
<0.08	<0.27
<0.08	<0.24
<0.08	<0.28
<0.08	<0.33
<0.08	<0.33
<0.08	<0.33
<0.07	<0.39
	<3.4
	<5.3
	<3.8

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 7/6/2015 **Batch #:** F070606.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC1977 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:** PPBv

<0.80	Propene	<0.04	Vinyl acetate	<0.02	Dibromchloromethane
<0.02	Dichlorodifluoromethane	0.33	Hexane	<0.02	1,2-Dibromomethane
<0.04	Chloromethane	<0.02	Ethyl acetate	<0.02	Tetrachloroethylene
<0.02	Freon 114	<0.02	Chloroform	<0.02	Chlorobenzene
<0.02	Vinyl chloride	<0.02	Tetrahydrofuran	<0.02	Ethylbenzene
<0.02	1,3-Butadiene	<0.02	1,2-Dichloroethane	<0.04	m,p-Xylenes
<0.02	Bromomethane	<0.02	1,1,1-Trichloroethane	<0.02	Bromoform
<0.02	Chloroethane	<0.02	Benzene	<0.02	Styrene
<0.08	Acrolein	<0.02	Carbon Tetrachloride	<0.02	o-Xylene
<0.80	Acetone	<0.02	Cyclohexane	<0.02	1,1,1,2,2-Tetrachloroethane
<0.20	Trichlorofluoromethane	<0.02	1,2-Dichloropropane	<0.02	4-Ethyltoluene
<0.80	Ethanol	<0.02	Bromodichloromethane	<0.02	1,3,5-Trimethylbenzene
<0.02	1,1-Dichloroethylene	<0.02	Trichloroethylene	<0.02	1,2,4-Trimethylbenzene
<0.20	Methylene chloride	<0.02	1,4-Dioxane	<0.02	1,3-Dichlorobenzene
<0.20	Freon 113	<0.02	Methylmethacrylate	<0.02	Benzyl chloride
<0.02	Carbon disulfide	<0.02	Heptane	<0.02	1,4-Dichlorobenzene
<0.02	t-1,2-Dichloroethylene	<0.02	MIBK	<0.02	1,2-Dichlorobenzene
<0.02	1,1-Dichloroethane	<0.02	c-1,3-Dichloropropylene	<0.04	1,2,4-Trichlorobenzene
<0.02	MTBE	<0.02	t-1,3-Dichloropropylene	<0.02	Naphthalene
<0.80	IPA	<0.02	1,1,2-Trichloroethylene	<0.02	Hexachlorobutadiene
<0.20	2-Butanone (MEK)	<0.02	Toluene		
<0.02	c-1,2-Dichloroethylene	<0.02	2-Hexanone (MBK)		

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15



## Air Sampling Media Certificate of Analysis

**Date Analyzed:** 7/6/2015 **Batch #:** F070606.D

**Certification Type:** *Batch Certified*  *Individual Certified*

**Media Type:** *Summa Canister*  *Flow Controllers*

**Media IDs:** BC1977 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note: Two ID's grouped together, for example BC2136/BC3145, represents matched pairs of certified summa canisters and flow controllers.

**Units:**

PPBv	Ug/M3
RL	RL
<0.08	<0.17
<0.08	<0.27
<0.08	<0.24
<0.08	<0.28
<0.08	<0.33
<0.08	<0.33
<0.08	<0.33
<0.07	<0.39
	<3.4
	<5.3
	<3.8

**Special Notes:** \_\_\_\_\_

**Analyst Initials/Date:** TPH 9/30/15

October 9, 2015

Charles Springer  
TRC Environmental Corporation - ME  
6 Ashley Drive  
Scarborough, ME 04074

Project Location: Wilton, ME  
Client Job Number:  
Project Number: 233392  
Laboratory Work Order Number: 1511393

Enclosed are results of analyses for samples received by the laboratory on September 30, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, reading "Meghan E. Kelley". The signature is written in a cursive style with a large, sweeping flourish at the end.

Meghan E. Kelley  
Project Manager

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 10/9/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511393

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-1 (1-2)	1511393-01	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-1 (13-15)	1511393-02	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-2 (0-4)	1511393-03	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-2 (15-16)	1511393-04	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-3 (0-2)	1511393-05	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	

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TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 10/9/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511393

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-3 (12-14)	1511393-06	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-4 (0-5-4)	1511393-07	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-4 (8-10)	1511393-08	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-5 (0.5-3.5)	1511393-09	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-5 (8-10)	1511393-10	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	

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TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 10/9/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511393

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-6 (0.5-4)	1511393-11	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
MW-6 (4-6)	1511393-12	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
SB-7 (0-4)	1511393-13	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
SB-7 (12-14)	1511393-14	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
SB-8 (0-2)	1511393-15	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	

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TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 10/9/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511393

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SB-8 (12-13)	1511393-16	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
SB-9 (0.5-4)	1511393-17	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
SB-9 (11-12)	1511393-18	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
SB-10 (0.5-4)	1511393-19	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
SB-10 (4-8)	1511393-20	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	

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TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 10/9/2015

PURCHASE ORDER NUMBER: 85484

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 1511393

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DUP-6	1511393-21	Soil		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8260C SW-846 8270D	
PCB-1	1511393-22	Wipe		SW-846 8082A	
PCB-FB	1511393-23	Wipe		SW-846 8082A	
MW-2 (4-8) ms/msd	1511393-24	Soil		SM 2540G SW-846 6010C SW-846 7471B	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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**MADEP-EPH-04-1.1****Qualifications:****L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****n-Decane**

B132157-BSD1

**n-Nonane**

B132157-BSD1

**MADEP-VPH-04-1.1****Qualifications:****O-01**

Soil/methanol ratio does not meet method specifications. Excess amount of soil. Sample was completely covered with methanol, but with less than the method-specified amount.

**Analyte & Samples(s) Qualified:**

1511393-02[MW-1 (13-15)], 1511393-18[SB-9 (11-12)], 1511393-20[SB-10 (4-8)]

**O-02**

Soil/methanol ratio does not meet method specifications. Insufficient amount of soil. Data validation is not affected since a sufficient amount of preservative is present. Detection limits may be above useful levels.

**Analyte & Samples(s) Qualified:**

1511393-19[SB-10 (0.5-4)]

**RL-05**

Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.

**Analyte & Samples(s) Qualified:****C5-C8 Aliphatics**

1511393-01[MW-1 (1-2)]

**C9-C12 Aliphatics**

1511393-01[MW-1 (1-2)]

**S-17**

Surrogate recovery is outside of control limits. Data validation is not affected since all associated results are less than the reporting limit and bias is on the high side.

**Analyte & Samples(s) Qualified:****2,5-Dibromotoluene (FID)**

1511393-16[SB-8 (12-13)]

**SW-846 6010C****Qualifications:****B**

Analyte is found in the associated blank as well as in the sample.

**Analyte & Samples(s) Qualified:****Lead**

1511393-01[MW-1 (1-2)], B132248-BLK1, B132248-BS1, B132248-BSD1, B132248-MRL1

**B-07**

Data is not affected by elevated level in blank since sample result is >10x level found in the blank.

**Analyte & Samples(s) Qualified:****Lead**

1511393-01[MW-1 (1-2)], B132248-BLK1

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****Barium**

B132242-BSD1

**Cadmium**

B132242-BSD1

**Lead**

B132242-BSD1, B132433-BSD1

SW-846 8082A

**Qualifications:****O-04**

Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.

**Analyte & Samples(s) Qualified:****Aroclor-1248**

1511393-20[SB-10 (4-8)]

**Aroclor-1248 [2C]**

1511393-20[SB-10 (4-8)]

**Aroclor-1260**

1511393-19[SB-10 (0.5-4)]

**Aroclor-1260 [2C]**

1511393-19[SB-10 (0.5-4)]

SW-846 8260C

**Qualifications:****L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****Chloromethane**

1511393-01[MW-1 (1-2)], 1511393-02[MW-1 (13-15)], 1511393-03[MW-2 (0-4)], 1511393-04[MW-2 (15-16)], 1511393-05[MW-3 (0-2)], 1511393-06[MW-3 (12-14)], 1511393-07[MW-4 (0-5-4)], 1511393-09[MW-5 (0.5-3.5)], 1511393-10[MW-5 (8-10)], 1511393-11[MW-6 (0.5-4)], 1511393-12[MW-6 (4-6)], 1511393-13[SB-7 (0-4)], 1511393-14[SB-7 (12-14)], 1511393-15[SB-8 (0-2)], B131980-BLK1, B131980-BS1, B131980-BSD1, B132192-BLK1, B132192-BS1, B132192-BSD1

**Dichlorodifluoromethane (Freon 12)**

1511393-01[MW-1 (1-2)], B131980-BLK1, B131980-BS1, B131980-BSD1

**L-06**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the high side.

**Analyte & Samples(s) Qualified:****Naphthalene**

1511393-01[MW-1 (1-2)], B131980-BS1, B131980-BSD1

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****Chloromethane**

B132241-BS1

**trans-1,4-Dichloro-2-butene**

B131980-BSD1

**RL-11**

Elevated reporting limit due to high concentration of target compounds.

**Analyte & Samples(s) Qualified:**

1511393-01[MW-1 (1-2)]

**V-06**

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

**Analyte & Samples(s) Qualified:****Naphthalene**

1511393-01[MW-1 (1-2)], B131980-BS1, B131980-BSD1

**V-20**

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:****Carbon Disulfide**

B132241-BS1, B132241-BSD1

SW-846 8270D

**Qualifications:****L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****2,4-Dinitrophenol**

B131923-BS1

**Benzoic Acid**

B131997-BSD1

**Pyridine**

B131997-BS1

**MS-09**

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

**Analyte & Samples(s) Qualified:****Aniline**

1511393-03[MW-2 (0-4)], B131997-MS1, B131997-MSD1

**Benzidine**

1511393-03[MW-2 (0-4)], B131997-MS1, B131997-MSD1

**Hexachlorocyclopentadiene**

1511393-03[MW-2 (0-4)], B131997-MS1, B131997-MSD1

**Phenanthrene**

1511393-03RE1[MW-2 (0-4)], B131997-MS1, B131997-MSD1

**Pyridine**

1511393-03[MW-2 (0-4)], B131997-MS1, B131997-MSD1

**MS-22**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

**Analyte & Samples(s) Qualified:****1,3-Dichlorobenzene**

B131997-MS1

**3,3-Dichlorobenzidine**

B131997-MS1

**4-Chloroaniline**

B131997-MS1

**Benzo(a)anthracene**

B131997-MSD1

**Benzo(b)fluoranthene**

B131997-MSD1

**Benzoic Acid**

B131997-MS1

**Bis(2-chloroisopropyl)ether**

B131997-MS1

**Chrysene**

B131997-MSD1

**Fluoranthene**

B131997-MSD1

**Hexachloroethane**

B131997-MS1

**N-Nitrosodimethylamine**

B131997-MS1

**N-Nitrosodi-n-propylamine**

B131997-MS1

**Pyrene**

B131997-MSD1

**R-06**

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

**Analyte & Samples(s) Qualified:****Hexachlorocyclopentadiene**

1511393-03[MW-2 (0-4)], B131997-MS1, B131997-MSD1

**V-04**

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

**Analyte & Samples(s) Qualified:****Benzidine**

1511393-01[MW-1 (1-2)], 1511393-02[MW-1 (13-15)], 1511393-03[MW-2 (0-4)], 1511393-04[MW-2 (15-16)], 1511393-05[MW-3 (0-2)], 1511393-06[MW-3 (12-14)], 1511393-07[MW-4 (0.5-4)], 1511393-08[MW-4 (8-10)], 1511393-09[MW-5 (0.5-3.5)], 1511393-10[MW-5 (8-10)], 1511393-11[MW-6 (0.5-4)], 1511393-12[MW-6 (4-6)], 1511393-13[SB-7 (0-4)], 1511393-14[SB-7 (12-14)], 1511393-15[SB-8 (0-2)], 1511393-16[SB-8 (12-13)], 1511393-17[SB-9 (0.5-4)], 1511393-18[SB-9 (11-12)], 1511393-19[SB-10 (0.5-4)], 1511393-20[SB-10 (4-8)], 1511393-21[DUP-6], B131923-BLK1, B131923-BS1, B131923-BSD1, B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**V-05**

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****1,2-Diphenylhydrazine (as Azobenz)**

15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)]

**2-Nitroaniline**

15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)]

**Aniline**

15I1393-01[MW-1 (1-2)], 15I1393-02[MW-1 (13-15)], 15I1393-03[MW-2 (0-4)], 15I1393-04[MW-2 (15-16)], 15I1393-05[MW-3 (0-2)], 15I1393-06[MW-3 (12-14)], 15I1393-07[MW-4 (0.5-4)], 15I1393-08[MW-4 (8-10)], 15I1393-09[MW-5 (0.5-3.5)], 15I1393-10[MW-5 (8-10)], 15I1393-11[MW-6 (0.5-4)], 15I1393-12[MW-6 (4-6)], 15I1393-13[SB-7 (0-4)], 15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)], 15I1393-21[DUP-6], B131923-BLK1, B131923-BS1, B131923-BSD1, B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**Benzidine**

15I1393-01[MW-1 (1-2)], 15I1393-02[MW-1 (13-15)], 15I1393-03[MW-2 (0-4)], 15I1393-04[MW-2 (15-16)], 15I1393-05[MW-3 (0-2)], 15I1393-06[MW-3 (12-14)], 15I1393-07[MW-4 (0.5-4)], 15I1393-08[MW-4 (8-10)], 15I1393-09[MW-5 (0.5-3.5)], 15I1393-10[MW-5 (8-10)], 15I1393-11[MW-6 (0.5-4)], 15I1393-12[MW-6 (4-6)], 15I1393-13[SB-7 (0-4)], 15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)], 15I1393-21[DUP-6], B131923-BLK1, B131923-BS1, B131923-BSD1, B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**Benzoic Acid**

15I1393-01[MW-1 (1-2)], 15I1393-02[MW-1 (13-15)], 15I1393-03[MW-2 (0-4)], 15I1393-04[MW-2 (15-16)], 15I1393-05[MW-3 (0-2)], 15I1393-06[MW-3 (12-14)], 15I1393-07[MW-4 (0.5-4)], 15I1393-08[MW-4 (8-10)], 15I1393-09[MW-5 (0.5-3.5)], 15I1393-10[MW-5 (8-10)], 15I1393-11[MW-6 (0.5-4)], 15I1393-12[MW-6 (4-6)], 15I1393-13[SB-7 (0-4)], B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**Bis(2-chloroisopropyl)ether**

15I1393-01[MW-1 (1-2)], 15I1393-02[MW-1 (13-15)], 15I1393-03[MW-2 (0-4)], 15I1393-04[MW-2 (15-16)], 15I1393-05[MW-3 (0-2)], 15I1393-06[MW-3 (12-14)], 15I1393-07[MW-4 (0.5-4)], 15I1393-08[MW-4 (8-10)], 15I1393-09[MW-5 (0.5-3.5)], 15I1393-10[MW-5 (8-10)], 15I1393-11[MW-6 (0.5-4)], 15I1393-12[MW-6 (4-6)], 15I1393-13[SB-7 (0-4)], 15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)], B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**N-Nitrosodimethylamine**

15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)]

**Pentachlorophenol**

15I1393-21[DUP-6], B131923-BLK1, B131923-BS1, B131923-BSD1

**Pyridine**

15I1393-01[MW-1 (1-2)], 15I1393-02[MW-1 (13-15)], 15I1393-03[MW-2 (0-4)], 15I1393-04[MW-2 (15-16)], 15I1393-05[MW-3 (0-2)], 15I1393-06[MW-3 (12-14)], 15I1393-07[MW-4 (0.5-4)], 15I1393-08[MW-4 (8-10)], 15I1393-09[MW-5 (0.5-3.5)], 15I1393-10[MW-5 (8-10)], 15I1393-11[MW-6 (0.5-4)], 15I1393-12[MW-6 (4-6)], 15I1393-13[SB-7 (12-14)], 15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)], B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**V-16**

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

**Analyte & Samples(s) Qualified:****Pentachloronitrobenzene**

15I1393-01[MW-1 (1-2)], 15I1393-02[MW-1 (13-15)], 15I1393-03[MW-2 (0-4)], 15I1393-04[MW-2 (15-16)], 15I1393-05[MW-3 (0-2)], 15I1393-06[MW-3 (12-14)], 15I1393-07[MW-4 (0.5-4)], 15I1393-08[MW-4 (8-10)], 15I1393-09[MW-5 (0.5-3.5)], 15I1393-10[MW-5 (8-10)], 15I1393-11[MW-6 (0.5-4)], 15I1393-12[MW-6 (4-6)], 15I1393-13[SB-7 (0-4)], 15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)], 15I1393-21[DUP-6], B131923-BLK1, B131923-BS1, B131923-BSD1, B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**V-19**

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Reduced precision and accuracy may be associated with reported result.

**Analyte & Samples(s) Qualified:****2,4-Dinitrophenol**

15I1393-01[MW-1 (1-2)], 15I1393-02[MW-1 (13-15)], 15I1393-03[MW-2 (0-4)], 15I1393-04[MW-2 (15-16)], 15I1393-05[MW-3 (0-2)], 15I1393-06[MW-3 (12-14)], 15I1393-07[MW-4 (0.5-4)], 15I1393-08[MW-4 (8-10)], 15I1393-09[MW-5 (0.5-3.5)], 15I1393-10[MW-5 (8-10)], 15I1393-11[MW-6 (0.5-4)], 15I1393-12[MW-6 (4-6)], 15I1393-13[SB-7 (0-4)], 15I1393-14[SB-7 (12-14)], 15I1393-15[SB-8 (0-2)], 15I1393-16[SB-8 (12-13)], 15I1393-17[SB-9 (0.5-4)], 15I1393-18[SB-9 (11-12)], 15I1393-19[SB-10 (0.5-4)], 15I1393-20[SB-10 (4-8)], B131997-BLK1, B131997-BS1, B131997-BSD1, B131997-MS1, B131997-MSD1

**V-20**

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:****2,4-Dinitrophenol**

1511393-14[SB-7 (12-14)], 1511393-15[SB-8 (0-2)], 1511393-16[SB-8 (12-13)], 1511393-17[SB-9 (0.5-4)], 1511393-18[SB-9 (11-12)], 1511393-19[SB-10 (0.5-4)], 1511393-20[SB-10 (4-8)]

**Hexachlorobenzene**

1511393-14[SB-7 (12-14)], 1511393-15[SB-8 (0-2)], 1511393-16[SB-8 (12-13)], 1511393-17[SB-9 (0.5-4)], 1511393-18[SB-9 (11-12)], 1511393-19[SB-10 (0.5-4)], 1511393-20[SB-10 (4-8)]

**Pentachloronitrobenzene**

1511393-14[SB-7 (12-14)], 1511393-15[SB-8 (0-2)], 1511393-16[SB-8 (12-13)], 1511393-17[SB-9 (0.5-4)], 1511393-18[SB-9 (11-12)], 1511393-19[SB-10 (0.5-4)], 1511393-20[SB-10 (4-8)]

**MADEP-EPH-04-1.1**

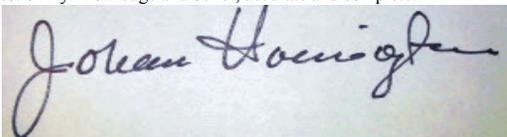
SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

**MADEP-VPH-04-1.1**

No significant modifications were made to the method. All VPH samples were received preserved properly in methanol with a soil/methanol ratio of 1:1 +/- 25% completely covered by methanol in the proper containers specified on the chain-of-custody form unless specified in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Johanna K. Harrington  
Manager, Laboratory Reporting

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.9	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Acrylonitrile	ND	0.59	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Benzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Bromobenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Bromochloromethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Bromodichloromethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Bromoform	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Bromomethane	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
2-Butanone (MEK)	ND	2.4	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
tert-Butyl Alcohol (TBA)	ND	2.4	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
n-Butylbenzene	0.45	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
sec-Butylbenzene	0.15	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
tert-Butylbenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Carbon Disulfide	ND	0.36	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Carbon Tetrachloride	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Chlorobenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Chlorodibromomethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Chloroethane	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Chloroform	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Chloromethane	ND	0.24	mg/Kg dry	2	L-04	SW-846 8260C	10/1/15	10/7/15 12:11	MFF
2-Chlorotoluene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
4-Chlorotoluene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.59	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2-Dibromoethane (EDB)	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Dibromomethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2-Dichlorobenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,3-Dichlorobenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,4-Dichlorobenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
trans-1,4-Dichloro-2-butene	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.24	mg/Kg dry	2	L-04	SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1-Dichloroethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2-Dichloroethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1-Dichloroethylene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
cis-1,2-Dichloroethylene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
trans-1,2-Dichloroethylene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2-Dichloropropane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,3-Dichloropropane	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
2,2-Dichloropropane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1-Dichloropropene	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
cis-1,3-Dichloropropene	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
trans-1,3-Dichloropropene	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Diethyl Ether	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

Sample Flags: RL-11

**Volatile Organic Compounds by GC/MS**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,4-Dioxane	ND	5.9	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Ethylbenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Hexachlorobutadiene	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
2-Hexanone (MBK)	ND	1.2	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Isopropylbenzene (Cumene)	0.14	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
p-Isopropyltoluene (p-Cymene)	0.44	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Methylene Chloride	ND	0.59	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	1.2	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Naphthalene	5.0	0.59	mg/Kg dry	2	L-06, V-06	SW-846 8260C	10/1/15	10/7/15 12:11	MFF
n-Propylbenzene	0.17	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Styrene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1,1,2-Tetrachloroethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.059	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Tetrachloroethylene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Tetrahydrofuran	ND	1.2	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Toluene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2,3-Trichlorobenzene	ND	0.59	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2,4-Trichlorobenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,3,5-Trichlorobenzene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1,1-Trichloroethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1,2-Trichloroethane	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Trichloroethylene	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2,3-Trichloropropane	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,2,4-Trimethylbenzene	0.70	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
1,3,5-Trimethylbenzene	0.13	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
Vinyl Chloride	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
m+p Xylene	ND	0.24	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF
o-Xylene	0.14	0.12	mg/Kg dry	2		SW-846 8260C	10/1/15	10/7/15 12:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	99.2	70-130	10/7/15 12:11
Toluene-d8	102	70-130	10/7/15 12:11
4-Bromofluorobenzene	105	70-130	10/7/15 12:11

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.4	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Aniline	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Anthracene	2.0	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Benzidine	ND	0.74	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Benzo(a)anthracene	1.7	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Benzo(a)pyrene	1.1	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Benzo(b)fluoranthene	0.57	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Benzo(g,h,i)perylene	0.99	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Butylbenzylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Chrysene	2.9	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Dibenzofuran	0.92	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Dimethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Di-n-octylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Fluoranthene	2.1	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Fluorene	3.1	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Hexachlorocyclopentadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Indeno(1,2,3-cd)pyrene	0.47	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
1-Methylnaphthalene	11	1.9	mg/Kg dry	10		SW-846 8270D	10/1/15	10/6/15 19:43	BGL
2-Methylnaphthalene	13	1.9	mg/Kg dry	10		SW-846 8270D	10/1/15	10/6/15 19:43	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Naphthalene	3.5	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Phenanthrene	9.8	1.9	mg/Kg dry	10		SW-846 8270D	10/1/15	10/6/15 19:43	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
Pyrene	8.3	1.9	mg/Kg dry	10		SW-846 8270D	10/1/15	10/6/15 19:43	BGL
Pyridine	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 13:53	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 13:53	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	54.9	30-130	
Phenol-d6	55.9	30-130	
Nitrobenzene-d5	52.8	30-130	
2-Fluorobiphenyl	57.8	30-130	
2,4,6-Tribromophenol	91.8	30-130	
p-Terphenyl-d14	81.2	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 18:51	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		59.2	30-150					10/3/15 18:51	
Decachlorobiphenyl [2]		81.2	30-150					10/3/15 18:51	
Tetrachloro-m-xylene [1]		63.9	30-150					10/3/15 18:51	
Tetrachloro-m-xylene [2]		80.5	30-150					10/3/15 18:51	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	3300	570	mg/Kg dry	25		MADEP-EPH-04-1.1	10/1/15	10/6/15 0:39	SCS
C19-C36 Aliphatics	3500	570	mg/Kg dry	25		MADEP-EPH-04-1.1	10/1/15	10/6/15 0:39	SCS
C11-C22 Aromatics	7700	570	mg/Kg dry	25		MADEP-EPH-04-1.1	10/1/15	10/6/15 0:39	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	72.1	40-140	
o-Terphenyl (OTP)	132	40-140	
2-Bromonaphthalene	91.9	40-140	
2-Fluorobiphenyl	95.9	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.01

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	130	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	10/5/15	10/6/15 3:23	EEH
C9-C12 Aliphatics	ND	130	mg/Kg dry	10	RL-05	MADEP-VPH-04-1.1	10/5/15	10/6/15 3:23	EEH
C9-C10 Aromatics	380	130	mg/Kg dry	10		MADEP-VPH-04-1.1	10/5/15	10/6/15 3:23	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	104		70-130					10/6/15 3:23	
2,5-Dibromotoluene (PID)	118		70-130					10/6/15 3:23	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:06	AME
Barium	33	2.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:06	AME
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:06	AME
Chromium	14	0.57	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:06	AME
Lead	44	0.86	mg/Kg dry	1	B, B-07	SW-846 6010C	10/6/15	10/6/15 19:06	AME
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:05	SCB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:06	AME
Silver	0.88	0.57	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:06	AME

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (1-2)

Sampled: 9/28/2015 09:23

Sample ID: 1511393-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Acrylonitrile	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Bromomethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
tert-Butyl Alcohol (TBA)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
n-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Carbon Disulfide	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Chlorodibromomethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Chloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Chloromethane	ND	0.0067	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 13:31	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,3-Dichloropropane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
cis-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
trans-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Diethyl Ether	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,4-Dioxane	ND	0.067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Methylene Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Tetrahydrofuran	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,3,5-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
Vinyl Chloride	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:31	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	112	70-130	10/5/15 13:31
Toluene-d8	96.8	70-130	10/5/15 13:31
4-Bromofluorobenzene	94.3	70-130	10/5/15 13:31

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Aniline	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Benzidine	ND	0.75	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Butylbenzylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
4-Chloro-3-methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Dimethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Di-n-octylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Hexachlorocyclopentadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
Pyridine	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 14:19	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:19	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	48.3	30-130	
Phenol-d6	48.9	30-130	
Nitrobenzene-d5	45.8	30-130	
2-Fluorobiphenyl	52.6	30-130	
2,4,6-Tribromophenol	73.4	30-130	
p-Terphenyl-d14	55.4	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:09	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		65.2	30-150					10/3/15 19:09	
Decachlorobiphenyl [2]		84.3	30-150					10/3/15 19:09	
Tetrachloro-m-xylene [1]		82.0	30-150					10/3/15 19:09	
Tetrachloro-m-xylene [2]		96.4	30-150					10/3/15 19:09	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 14:26	SCS
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 14:26	SCS
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 14:26	SCS
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Chlorooctadecane (COD)	72.5		40-140				10/2/15 14:26		
o-Terphenyl (OTP)	78.0		40-140				10/2/15 14:26		
2-Bromonaphthalene	90.8		40-140				10/2/15 14:26		
2-Fluorobiphenyl	92.1		40-140				10/2/15 14:26		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

Sample Flags: O-01

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.47

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	9.2	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 20:13	EEH
C9-C12 Aliphatics	ND	9.2	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 20:13	EEH
C9-C10 Aromatics	ND	9.2	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 20:13	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	117		70-130					10/2/15 20:13	
2,5-Dibromotoluene (PID)	111		70-130					10/2/15 20:13	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:23	AME
Barium	27	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:23	AME
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:23	AME
Chromium	13	0.55	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:23	AME
Lead	3.3	0.84	mg/Kg dry	1		SW-846 6010C	10/7/15	10/8/15 17:48	MJH
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:06	SCB
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:23	AME
Silver	1.1	0.55	mg/Kg dry	1		SW-846 6010C	10/6/15	10/6/15 19:23	AME

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-1 (13-15)

Sampled: 9/28/2015 10:00

Sample ID: 1511393-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Acrylonitrile	ND	0.0076	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Bromochloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
2-Butanone (MEK)	ND	0.051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
tert-Butyl Alcohol (TBA)	ND	0.051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
n-Butylbenzene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Carbon Disulfide	ND	0.025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Chlorodibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Chloroform	ND	0.0051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Chloromethane	ND	0.013	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 13:58	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1-Dichloroethylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Diethyl Ether	ND	0.025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Naphthalene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,3,5-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
Vinyl Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
m+p Xylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 13:58	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	113	70-130	10/5/15 13:58
Toluene-d8	97.6	70-130	10/5/15 13:58
4-Bromofluorobenzene	93.5	70-130	10/5/15 13:58

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.41	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Acenaphthylene	0.95	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Aniline	ND	0.36	mg/Kg dry	1	MS-09, V-05	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Anthracene	1.2	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Benzidine	ND	0.71	mg/Kg dry	1	V-05, MS-09, V-04	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Benzo(a)anthracene	4.7	0.91	mg/Kg dry	5		SW-846 8270D	10/1/15	10/6/15 18:52	BGL
Benzo(a)pyrene	4.3	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Benzo(b)fluoranthene	4.1	0.91	mg/Kg dry	5		SW-846 8270D	10/1/15	10/6/15 18:52	BGL
Benzo(g,h,i)perylene	2.5	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Benzo(k)fluoranthene	1.6	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Carbazole	0.34	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Chrysene	5.3	0.91	mg/Kg dry	5		SW-846 8270D	10/1/15	10/6/15 18:52	BGL
Dibenz(a,h)anthracene	0.83	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Fluoranthene	6.9	0.91	mg/Kg dry	5		SW-846 8270D	10/1/15	10/6/15 18:52	BGL
Fluorene	0.65	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1	MS-09, R-06	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Indeno(1,2,3-cd)pyrene	2.7	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
1-Methylnaphthalene	0.24	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2-Methylnaphthalene	0.23	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Naphthalene	0.27	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Phenanthrene	5.5	0.91	mg/Kg dry	5	MS-09	SW-846 8270D	10/1/15	10/6/15 18:52	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
Pyrene	10	0.91	mg/Kg dry	5		SW-846 8270D	10/1/15	10/6/15 18:52	BGL
Pyridine	ND	0.36	mg/Kg dry	1	MS-09, V-05	SW-846 8270D	10/1/15	10/5/15 14:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 14:45	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	45.7	30-130	
Phenol-d6	45.5	30-130	
Nitrobenzene-d5	47.6	30-130	
2-Fluorobiphenyl	59.9	30-130	
2,4,6-Tribromophenol	65.9	30-130	
p-Terphenyl-d14	57.6	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:27	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		66.2	30-150					10/3/15 19:27	
Decachlorobiphenyl [2]		97.6	30-150					10/3/15 19:27	
Tetrachloro-m-xylene [1]		78.4	30-150					10/3/15 19:27	
Tetrachloro-m-xylene [2]		93.1	30-150					10/3/15 19:27	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	16	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 15:07	SCS
C19-C36 Aliphatics	35	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 15:07	SCS
C11-C22 Aromatics	240	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 15:07	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	58.3	40-140	
o-Terphenyl (OTP)	81.7	40-140	
2-Bromonaphthalene	107	40-140	
2-Fluorobiphenyl	108	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.07

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 20:49	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 20:49	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 20:49	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	102		70-130				10/2/15 20:49		
2,5-Dibromotoluene (PID)	95.1		70-130				10/2/15 20:49		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:38	MJH
Barium	25	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:38	MJH
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:38	MJH
Chromium	13	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:38	MJH
Lead	2.7	0.78	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:38	MJH
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:08	SCB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:38	MJH
Silver	1.4	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:38	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (0-4)

Sampled: 9/28/2015 14:05

Sample ID: 1511393-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.4		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Acrylonitrile	ND	0.0056	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Bromomethane	ND	0.0093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
n-Butylbenzene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Carbon Disulfide	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Chlorodibromomethane	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Chloromethane	ND	0.0093	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 14:26	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2-Dibromoethane (EDB)	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,3-Dichloropropane	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
cis-1,3-Dichloropropene	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
trans-1,3-Dichloropropene	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,4-Dioxane	ND	0.093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.00093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Tetrahydrofuran	ND	0.0093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
Vinyl Chloride	ND	0.0093	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	115	70-130	10/5/15 14:26
Toluene-d8	97.9	70-130	10/5/15 14:26
4-Bromofluorobenzene	94.5	70-130	10/5/15 14:26

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Aniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Benzidine	ND	0.73	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
4-Chloro-3-methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
Pyridine	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:11	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:11	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	53.9	30-130	
Phenol-d6	56.6	30-130	
Nitrobenzene-d5	55.1	30-130	
2-Fluorobiphenyl	70.7	30-130	
2,4,6-Tribromophenol	89.2	30-130	
p-Terphenyl-d14	87.0	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 19:45	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		69.6	30-150					10/3/15 19:45	
Decachlorobiphenyl [2]		88.8	30-150					10/3/15 19:45	
Tetrachloro-m-xylene [1]		85.6	30-150					10/3/15 19:45	
Tetrachloro-m-xylene [2]		99.5	30-150					10/3/15 19:45	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 14:46	SCS
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 14:46	SCS
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 14:46	SCS
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Chlorooctadecane (COD)	70.7		40-140				10/2/15 14:46		
o-Terphenyl (OTP)	86.5		40-140				10/2/15 14:46		
2-Bromonaphthalene	93.5		40-140				10/2/15 14:46		
2-Fluorobiphenyl	94.7		40-140				10/2/15 14:46		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.14

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 21:25	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 21:25	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 21:25	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	105		70-130				10/2/15 21:25		
2,5-Dibromotoluene (PID)	99.1		70-130				10/2/15 21:25		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.3	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:42	MJH
Barium	34	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:42	MJH
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:42	MJH
Chromium	15	0.54	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:42	MJH
Lead	56	0.80	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:42	MJH
Mercury	ND	0.025	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:09	SCB
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:42	MJH
Silver	1.2	0.54	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:42	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (15-16)

Sampled: 9/28/2015 14:35

Sample ID: 1511393-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Acrylonitrile	ND	0.0067	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
2-Butanone (MEK)	ND	0.045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
tert-Butyl Alcohol (TBA)	ND	0.045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
n-Butylbenzene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Carbon Disulfide	ND	0.022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Chloroform	ND	0.0045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Chloromethane	ND	0.011	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 14:53	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1-Dichloroethylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Naphthalene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
m+p Xylene	ND	0.0045	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 14:53	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	114	70-130	10/5/15 14:53
Toluene-d8	96.4	70-130	10/5/15 14:53
4-Bromofluorobenzene	92.4	70-130	10/5/15 14:53

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Acenaphthylene	0.28	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Aniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Anthracene	0.23	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Benzidine	ND	0.70	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Benzo(a)anthracene	1.1	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Benzo(a)pyrene	1.1	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Benzo(b)fluoranthene	1.2	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Benzo(g,h,i)perylene	0.79	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Benzo(k)fluoranthene	0.47	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Chrysene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Dibenz(a,h)anthracene	0.20	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Fluoranthene	1.8	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Indeno(1,2,3-cd)pyrene	0.78	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Phenanthrene	1.0	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Pyrene	2.0	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
Pyridine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 15:37	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 15:37	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	44.0	30-130	
Phenol-d6	45.0	30-130	
Nitrobenzene-d5	47.0	30-130	
2-Fluorobiphenyl	57.3	30-130	
2,4,6-Tribromophenol	64.5	30-130	
p-Terphenyl-d14	60.0	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:02	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		64.8	30-150					10/3/15 20:02	
Decachlorobiphenyl [2]		94.7	30-150					10/3/15 20:02	
Tetrachloro-m-xylene [1]		75.6	30-150					10/3/15 20:02	
Tetrachloro-m-xylene [2]		88.5	30-150					10/3/15 20:02	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	12	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 19:11	SCS
C19-C36 Aliphatics	17	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 19:11	SCS
C11-C22 Aromatics	94	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 19:11	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	57.9	40-140	
o-Terphenyl (OTP)	70.2	40-140	
2-Bromonaphthalene	90.5	40-140	
2-Fluorobiphenyl	91.0	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.81

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 22:01	EEH
C9-C12 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 22:01	EEH
C9-C10 Aromatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 22:01	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	107		70-130				10/2/15 22:01		
2,5-Dibromotoluene (PID)	99.4		70-130				10/2/15 22:01		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.9	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:46	MJH
Barium	64	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:46	MJH
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:46	MJH
Chromium	24	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:46	MJH
Lead	57	0.78	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:46	MJH
Mercury	0.035	0.026	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:11	SCB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:46	MJH
Silver	1.6	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:46	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (0-2)

Sampled: 9/28/2015 16:20

Sample ID: 1511393-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.2		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Acrylonitrile	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
tert-Butyl Alcohol (TBA)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
n-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Carbon Disulfide	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Chloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 15:20	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Diethyl Ether	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,4-Dioxane	ND	0.066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Methylene Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,3,5-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	115	70-130	10/5/15 15:20
Toluene-d8	96.8	70-130	10/5/15 15:20
4-Bromofluorobenzene	92.2	70-130	10/5/15 15:20

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Aniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Benzidine	ND	0.70	mg/Kg dry	1	V-05, V-04	SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Pyridine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 16:55	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 16:55	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		51.7	30-130					10/5/15 16:55	
Phenol-d6		56.4	30-130					10/5/15 16:55	
Nitrobenzene-d5		53.5	30-130					10/5/15 16:55	
2-Fluorobiphenyl		72.3	30-130					10/5/15 16:55	
2,4,6-Tribromophenol		96.2	30-130					10/5/15 16:55	
p-Terphenyl-d14		88.6	30-130					10/5/15 16:55	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:20	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		69.6	30-150					10/3/15 20:20	
Decachlorobiphenyl [2]		86.1	30-150					10/3/15 20:20	
Tetrachloro-m-xylene [1]		74.4	30-150					10/3/15 20:20	
Tetrachloro-m-xylene [2]		85.2	30-150					10/3/15 20:20	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 18:51	SCS
C19-C36 Aliphatics	21	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 18:51	SCS
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 18:51	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	66.7	40-140	
o-Terphenyl (OTP)	78.6	40-140	
2-Bromonaphthalene	86.5	40-140	
2-Fluorobiphenyl	88.2	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.04

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 22:37	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 22:37	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 22:37	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	106		70-130				10/2/15 22:37		
2,5-Dibromotoluene (PID)	99.5		70-130				10/2/15 22:37		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:50	MJH
Barium	32	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:50	MJH
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:50	MJH
Chromium	14	0.51	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:50	MJH
Lead	2.9	0.76	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:50	MJH
Mercury	ND	0.025	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:16	SCB
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:50	MJH
Silver	1.1	0.51	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:50	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-3 (12-14)

Sampled: 9/28/2015 16:50

Sample ID: 1511393-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.9		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.14	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Acrylonitrile	ND	0.0082	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Benzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Bromobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Bromochloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Bromodichloromethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Bromoform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Bromomethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
2-Butanone (MEK)	ND	0.055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
tert-Butyl Alcohol (TBA)	ND	0.055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
n-Butylbenzene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
sec-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
tert-Butylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Carbon Disulfide	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Carbon Tetrachloride	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Chlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Chlorodibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Chloroethane	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Chloroform	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Chloromethane	ND	0.014	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 15:47	MFF
2-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
4-Chlorotoluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2-Dibromoethane (EDB)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Dibromomethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,3-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,4-Dichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2-Dichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1-Dichloroethylene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
cis-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
trans-1,2-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,3-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
2,2-Dichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1-Dichloropropene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
cis-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
trans-1,3-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Diethyl Ether	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,4-Dioxane	ND	0.14	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Ethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Hexachlorobutadiene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
2-Hexanone (MBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Isopropylbenzene (Cumene)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Methylene Chloride	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Naphthalene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
n-Propylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Styrene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Tetrachloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Tetrahydrofuran	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Toluene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2,3-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2,4-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,3,5-Trichlorobenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1,1-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1,2-Trichloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Trichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2,3-Trichloropropane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,2,4-Trimethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
1,3,5-Trimethylbenzene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
Vinyl Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
m+p Xylene	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF
o-Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 15:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	121	70-130	10/5/15 15:47
Toluene-d8	98.0	70-130	10/5/15 15:47
4-Bromofluorobenzene	91.6	70-130	10/5/15 15:47

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.27	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Aniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Anthracene	0.74	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Benzidine	ND	0.69	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Benzo(a)anthracene	1.6	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Benzo(a)pyrene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Benzo(b)fluoranthene	1.6	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Benzo(g,h,i)perylene	0.92	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Benzo(k)fluoranthene	0.60	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Benzoic Acid	ND	1.0	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Carbazole	0.30	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Chrysene	1.6	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Dibenz(a,h)anthracene	0.27	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Fluoranthene	4.0	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Fluorene	0.30	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Indeno(1,2,3-cd)pyrene	1.1	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Phenanthrene	3.4	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Pyrene	3.3	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
Pyridine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:21	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	60.0	30-130	
Phenol-d6	62.6	30-130	
Nitrobenzene-d5	61.7	30-130	
2-Fluorobiphenyl	81.9	30-130	
2,4,6-Tribromophenol	92.6	30-130	
p-Terphenyl-d14	92.2	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:38	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		70.6	30-150					10/3/15 20:38	
Decachlorobiphenyl [2]		93.7	30-150					10/3/15 20:38	
Tetrachloro-m-xylene [1]		80.9	30-150					10/3/15 20:38	
Tetrachloro-m-xylene [2]		94.9	30-150					10/3/15 20:38	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	28	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/6/15 14:23	SCS
C19-C36 Aliphatics	170	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/6/15 14:23	SCS
C11-C22 Aromatics	120	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/6/15 14:23	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	68.3	40-140	
o-Terphenyl (OTP)	82.1	40-140	
2-Bromonaphthalene	91.4	40-140	
2-Fluorobiphenyl	93.0	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.87

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 23:13	EEH
C9-C12 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 23:13	EEH
C9-C10 Aromatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 23:13	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	95.6		70-130				10/2/15 23:13		
2,5-Dibromotoluene (PID)	89.5		70-130				10/2/15 23:13		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.3	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:54	MJH
Barium	32	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:54	MJH
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:54	MJH
Chromium	13	0.49	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:54	MJH
Lead	32	0.74	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:54	MJH
Mercury	0.029	0.024	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:17	SCB
Selenium	ND	4.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:54	MJH
Silver	1.0	0.49	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:54	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (0-5-4)

Sampled: 9/29/2015 11:20

Sample ID: 1511393-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.4		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Acrylonitrile	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Bromomethane	ND	0.0083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
2-Butanone (MEK)	ND	0.033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
tert-Butyl Alcohol (TBA)	ND	0.033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
n-Butylbenzene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Carbon Disulfide	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Chlorodibromomethane	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Chloroform	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Chloromethane	ND	0.0083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2-Dibromoethane (EDB)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
trans-1,4-Dichloro-2-butene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1-Dichloroethylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,3-Dichloropropane	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
cis-1,3-Dichloropropene	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
trans-1,3-Dichloropropene	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,4-Dioxane	ND	0.083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Naphthalene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1,2,2-Tetrachloroethane	ND	0.00083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Tetrahydrofuran	ND	0.0083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
Vinyl Chloride	ND	0.0083	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
m+p Xylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:02	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	113	70-130	10/6/15 9:02
Toluene-d8	97.0	70-130	10/6/15 9:02
4-Bromofluorobenzene	93.4	70-130	10/6/15 9:02

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Aniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Benzidine	ND	0.73	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
4-Chloro-3-methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
Pyridine	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 17:47	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 17:47	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	58.6	30-130	10/5/15 17:47
Phenol-d6	61.9	30-130	10/5/15 17:47
Nitrobenzene-d5	58.4	30-130	10/5/15 17:47
2-Fluorobiphenyl	76.8	30-130	10/5/15 17:47
2,4,6-Tribromophenol	110	30-130	10/5/15 17:47
p-Terphenyl-d14	101	30-130	10/5/15 17:47

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 20:55	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		69.3	30-150					10/3/15 20:55	
Decachlorobiphenyl [2]		83.8	30-150					10/3/15 20:55	
Tetrachloro-m-xylene [1]		79.2	30-150					10/3/15 20:55	
Tetrachloro-m-xylene [2]		91.6	30-150					10/3/15 20:55	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 19:52	SCS
C19-C36 Aliphatics	35	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 19:52	SCS
C11-C22 Aromatics	14	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 19:52	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	61.9	40-140	
o-Terphenyl (OTP)	70.1	40-140	
2-Bromonaphthalene	80.2	40-140	
2-Fluorobiphenyl	81.8	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.00

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 23:49	EEH
C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 23:49	EEH
C9-C10 Aromatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/2/15 23:49	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	116		70-130				10/2/15 23:49		
2,5-Dibromotoluene (PID)	104		70-130				10/2/15 23:49		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-4 (8-10)

Sampled: 9/29/2015 11:25

Sample ID: 1511393-08

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.8	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:58	MJH
Barium	32	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:58	MJH
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:58	MJH
Chromium	22	0.54	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:58	MJH
Lead	12	0.81	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:58	MJH
Mercury	0.031	0.027	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:19	SCB
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:58	MJH
Silver	1.3	0.54	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:58	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/29/2015 11:25

Field Sample #: MW-4 (8-10)

Sample ID: 1511393-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Acrylonitrile	ND	0.0072	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
tert-Butyl Alcohol (TBA)	ND	0.048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
n-Butylbenzene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Carbon Disulfide	ND	0.024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Chloromethane	ND	0.012	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 16:42	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 16:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	114	70-130	10/5/15 16:42
Toluene-d8	97.6	70-130	10/5/15 16:42
4-Bromofluorobenzene	91.2	70-130	10/5/15 16:42

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Aniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Benzidine	ND	0.69	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Benzo(a)anthracene	0.57	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Benzo(a)pyrene	0.54	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Benzo(b)fluoranthene	0.64	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Benzo(g,h,i)perylene	0.32	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Benzo(k)fluoranthene	0.24	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Benzoic Acid	ND	1.0	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Chrysene	0.55	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Fluoranthene	0.83	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Indeno(1,2,3-cd)pyrene	0.38	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Phenanthrene	0.60	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Pyrene	0.83	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
Pyridine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:12	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:12	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	54.7	30-130	
Phenol-d6	58.7	30-130	
Nitrobenzene-d5	56.4	30-130	
2-Fluorobiphenyl	74.3	30-130	
2,4,6-Tribromophenol	92.7	30-130	
p-Terphenyl-d14	86.9	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:13	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		67.5	30-150					10/3/15 21:13	
Decachlorobiphenyl [2]		85.0	30-150					10/3/15 21:13	
Tetrachloro-m-xylene [1]		77.6	30-150					10/3/15 21:13	
Tetrachloro-m-xylene [2]		89.3	30-150					10/3/15 21:13	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:12	SCS
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:12	SCS
C11-C22 Aromatics	16	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:12	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	67.4	40-140	
o-Terphenyl (OTP)	79.3	40-140	
2-Bromonaphthalene	85.9	40-140	
2-Fluorobiphenyl	86.4	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.83

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 0:25	EEH
C9-C12 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 0:25	EEH
C9-C10 Aromatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 0:25	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	105		70-130				10/3/15 0:25		
2,5-Dibromotoluene (PID)	96.3		70-130				10/3/15 0:25		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:02	MJH
Barium	36	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:02	MJH
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:02	MJH
Chromium	17	0.49	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:02	MJH
Lead	13	0.74	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:02	MJH
Mercury	0.10	0.026	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:20	SCB
Selenium	ND	4.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:02	MJH
Silver	1.3	0.49	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:02	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (0.5-3.5)

Sampled: 9/29/2015 09:50

Sample ID: 1511393-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Acrylonitrile	ND	0.0058	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Bromomethane	ND	0.0096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
tert-Butyl Alcohol (TBA)	ND	0.038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
n-Butylbenzene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Carbon Disulfide	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Chlorodibromomethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Chloromethane	ND	0.0096	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 17:09	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2-Dibromoethane (EDB)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,3-Dichloropropane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
cis-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
trans-1,3-Dichloropropene	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,4-Dioxane	ND	0.096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Naphthalene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1,2,2-Tetrachloroethane	ND	0.00096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Tetrahydrofuran	ND	0.0096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
Vinyl Chloride	ND	0.0096	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:09	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	119	70-130	10/5/15 17:09
Toluene-d8	97.0	70-130	10/5/15 17:09
4-Bromofluorobenzene	91.4	70-130	10/5/15 17:09

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Aniline	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Benzidine	ND	0.77	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Butylbenzylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
4-Chloroaniline	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
4-Chloro-3-methylphenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Dimethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2,4-Dinitrophenol	ND	0.77	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Di-n-octylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Hexachlorocyclopentadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
4-Nitrophenol	ND	0.77	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
Pyridine	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 18:38	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 18:38	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	51.0	30-130	
Phenol-d6	55.9	30-130	
Nitrobenzene-d5	51.1	30-130	
2-Fluorobiphenyl	65.9	30-130	
2,4,6-Tribromophenol	113	30-130	
p-Terphenyl-d14	117	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 21:31	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		78.7	30-150					10/3/15 21:31	
Decachlorobiphenyl [2]		95.5	30-150					10/3/15 21:31	
Tetrachloro-m-xylene [1]		88.1	30-150					10/3/15 21:31	
Tetrachloro-m-xylene [2]		102	30-150					10/3/15 21:31	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:33	SCS
C19-C36 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:33	SCS
C11-C22 Aromatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:33	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	69.6	40-140	
o-Terphenyl (OTP)	81.0	40-140	
2-Bromonaphthalene	86.0	40-140	
2-Fluorobiphenyl	85.8	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.11

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 1:01	EEH
C9-C12 Aliphatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 1:01	EEH
C9-C10 Aromatics	ND	12	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 1:01	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	115		70-130					10/3/15 1:01	
2,5-Dibromotoluene (PID)	111		70-130					10/3/15 1:01	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:05	MJH
Barium	20	2.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:05	MJH
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:05	MJH
Chromium	11	0.58	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:05	MJH
Lead	2.2	0.86	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:05	MJH
Mercury	ND	0.029	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:21	SCB
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:05	MJH
Silver	1.2	0.58	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:05	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-5 (8-10)

Sampled: 9/29/2015 10:30

Sample ID: 1511393-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.7		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Acrylonitrile	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
tert-Butyl Alcohol (TBA)	ND	0.041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
n-Butylbenzene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Carbon Disulfide	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Chloromethane	ND	0.010	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 17:36	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Naphthalene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Tetrachloroethylene	0.0029	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 17:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	118	70-130	10/5/15 17:36
Toluene-d8	98.3	70-130	10/5/15 17:36
4-Bromofluorobenzene	93.0	70-130	10/5/15 17:36

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Aniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Anthracene	0.35	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Benzidine	ND	0.70	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Benzo(a)anthracene	0.99	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Benzo(a)pyrene	0.90	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Benzo(b)fluoranthene	1.0	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Benzo(g,h,i)perylene	0.51	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Benzo(k)fluoranthene	0.39	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Chrysene	1.1	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Fluoranthene	1.7	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Indeno(1,2,3-cd)pyrene	0.55	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Phenanthrene	1.4	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Pyrene	1.9	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Pyridine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:03	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:03	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		51.1	30-130					10/5/15 19:03	
Phenol-d6		55.0	30-130					10/5/15 19:03	
Nitrobenzene-d5		53.9	30-130					10/5/15 19:03	
2-Fluorobiphenyl		71.0	30-130					10/5/15 19:03	
2,4,6-Tribromophenol		77.2	30-130					10/5/15 19:03	
p-Terphenyl-d14		78.8	30-130					10/5/15 19:03	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:37	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		69.9	30-150					10/3/15 22:37	
Decachlorobiphenyl [2]		90.3	30-150					10/3/15 22:37	
Tetrachloro-m-xylene [1]		76.9	30-150					10/3/15 22:37	
Tetrachloro-m-xylene [2]		89.0	30-150					10/3/15 22:37	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:53	SCS
C19-C36 Aliphatics	24	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:53	SCS
C11-C22 Aromatics	47	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 20:53	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	58.7	40-140	
o-Terphenyl (OTP)	71.2	40-140	
2-Bromonaphthalene	81.8	40-140	
2-Fluorobiphenyl	82.2	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.85

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 1:37	EEH
C9-C12 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 1:37	EEH
C9-C10 Aromatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 1:37	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	102		70-130				10/3/15 1:37		
2,5-Dibromotoluene (PID)	93.1		70-130				10/3/15 1:37		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:09	MJH
Barium	43	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:09	MJH
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:09	MJH
Chromium	18	0.53	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:09	MJH
Lead	25	0.80	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:09	MJH
Mercury	0.15	0.024	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:23	SCB
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:09	MJH
Silver	1.1	0.53	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:09	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (0.5-4)

Sampled: 9/29/2015 08:40

Sample ID: 1511393-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.5		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Acrylonitrile	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Bromomethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
tert-Butyl Alcohol (TBA)	ND	0.035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
n-Butylbenzene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Carbon Disulfide	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Chlorodibromomethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Chloromethane	ND	0.0087	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 18:03	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,3-Dichloropropane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
cis-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
trans-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,4-Dioxane	ND	0.087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Tetrahydrofuran	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
Vinyl Chloride	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:03	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	115	70-130	10/5/15 18:03
Toluene-d8	98.9	70-130	10/5/15 18:03
4-Bromofluorobenzene	93.6	70-130	10/5/15 18:03

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Aniline	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Benzidine	ND	0.75	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Butylbenzylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
4-Chloro-3-methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Dimethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Di-n-octylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Hexachlorocyclopentadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
Pyridine	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:29	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:29	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	37.3	30-130	
Phenol-d6	41.2	30-130	
Nitrobenzene-d5	41.7	30-130	
2-Fluorobiphenyl	53.3	30-130	
2,4,6-Tribromophenol	56.5	30-130	
p-Terphenyl-d14	64.3	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 22:54	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		79.4	30-150					10/3/15 22:54	
Decachlorobiphenyl [2]		93.3	30-150					10/3/15 22:54	
Tetrachloro-m-xylene [1]		85.7	30-150					10/3/15 22:54	
Tetrachloro-m-xylene [2]		99.0	30-150					10/3/15 22:54	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 21:13	SCS
C19-C36 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 21:13	SCS
C11-C22 Aromatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 21:13	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	64.7	40-140	
o-Terphenyl (OTP)	70.8	40-140	
2-Bromonaphthalene	86.2	40-140	
2-Fluorobiphenyl	86.0	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.00

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 2:13	EEH
C9-C12 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 2:13	EEH
C9-C10 Aromatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 2:13	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	107		70-130				10/3/15 2:13		
2,5-Dibromotoluene (PID)	98.7		70-130				10/3/15 2:13		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:13	MJH
Barium	31	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:13	MJH
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:13	MJH
Chromium	15	0.57	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:13	MJH
Lead	3.3	0.85	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:13	MJH
Mercury	ND	0.029	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:24	SCB
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:13	MJH
Silver	0.92	0.57	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:13	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-6 (4-6)

Sampled: 9/29/2015 08:50

Sample ID: 1511393-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.6		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (0-4)

Sampled: 9/28/2015 11:40

Sample ID: 1511393-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Acrylonitrile	ND	0.0058	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Bromomethane	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
tert-Butyl Alcohol (TBA)	ND	0.039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
n-Butylbenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Carbon Disulfide	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Chlorodibromomethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Chloromethane	ND	0.0097	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 18:30	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2-Dibromoethane (EDB)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,3-Dichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
cis-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
trans-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (0-4)

Sampled: 9/28/2015 11:40

Sample ID: 1511393-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,4-Dioxane	ND	0.097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Tetrahydrofuran	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
Vinyl Chloride	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:30	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	116	70-130	10/5/15 18:30
Toluene-d8	97.6	70-130	10/5/15 18:30
4-Bromofluorobenzene	91.8	70-130	10/5/15 18:30

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (0-4)

Sampled: 9/28/2015 11:40

Sample ID: 1511393-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Acenaphthylene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Acetophenone	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Aniline	ND	0.35	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Anthracene	3.7	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Benzidine	ND	0.69	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Benzo(a)anthracene	12	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Benzo(a)pyrene	11	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Benzo(b)fluoranthene	13	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Benzo(g,h,i)perylene	5.0	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Benzo(k)fluoranthene	5.2	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Benzoic Acid	ND	1.0	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Butylbenzylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Carbazole	1.4	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Chrysene	11	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Dibenz(a,h)anthracene	2.6	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Dibenzofuran	0.78	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
1,2-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
1,3-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
1,4-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Dimethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1	V-19	SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Di-n-octylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Fluoranthene	28	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Fluorene	1.3	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (0-4)

Sampled: 9/28/2015 11:40

Sample ID: 1511393-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Hexachlorocyclopentadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Indeno(1,2,3-cd)pyrene	6.2	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Naphthalene	0.44	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
N-Nitrosodimethylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Phenanthrene	14	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Pyrene	29	3.5	mg/Kg dry	20		SW-846 8270D	10/1/15	10/6/15 19:18	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/5/15 19:55	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		60.3	30-130					10/5/15 19:55	
Phenol-d6		61.2	30-130					10/5/15 19:55	
Nitrobenzene-d5		62.1	30-130					10/5/15 19:55	
2-Fluorobiphenyl		77.5	30-130					10/5/15 19:55	
2,4,6-Tribromophenol		90.7	30-130					10/5/15 19:55	
p-Terphenyl-d14		82.6	30-130					10/5/15 19:55	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (0-4)

Sampled: 9/28/2015 11:40

Sample ID: 1511393-13

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:12	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		59.8	30-150					10/3/15 23:12	
Decachlorobiphenyl [2]		84.4	30-150					10/3/15 23:12	
Tetrachloro-m-xylene [1]		68.5	30-150					10/3/15 23:12	
Tetrachloro-m-xylene [2]		80.8	30-150					10/3/15 23:12	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 11:40

Field Sample #: SB-7 (0-4)

Sample ID: 1511393-13

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/5/15	10/6/15 14:03	SCS
C19-C36 Aliphatics	250	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/5/15	10/6/15 14:03	SCS
C11-C22 Aromatics	230	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/5/15	10/6/15 14:03	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	62.8	40-140	
o-Terphenyl (OTP)	69.5	40-140	
2-Bromonaphthalene	52.1	40-140	
2-Fluorobiphenyl	53.8	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (0-4)

Sampled: 9/28/2015 11:40

Sample ID: 1511393-13

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.03

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 2:49	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 2:49	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 2:49	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	97.3		70-130				10/3/15 2:49		
2,5-Dibromotoluene (PID)	94.7		70-130				10/3/15 2:49		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 11:40

Field Sample #: SB-7 (0-4)

Sample ID: 1511393-13

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.1	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:29	MJH
Barium	54	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:29	MJH
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:29	MJH
Chromium	27	0.51	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:29	MJH
Lead	21	0.77	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:29	MJH
Mercury	0.042	0.026	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:26	SCB
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:29	MJH
Silver	1.0	0.51	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:29	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 11:40

Field Sample #: SB-7 (0-4)

Sample ID: 1511393-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.9		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Bromomethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
tert-Butyl Alcohol (TBA)	ND	0.037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
n-Butylbenzene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Carbon Disulfide	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 18:57	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2-Dibromoethane (EDB)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Diethyl Ether	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,4-Dioxane	ND	0.092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Tetrahydrofuran	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 18:57	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	120	70-130	10/5/15 18:57
Toluene-d8	97.0	70-130	10/5/15 18:57
4-Bromofluorobenzene	91.3	70-130	10/5/15 18:57

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Aniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Benzidine	ND	0.71	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-19, V-20	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16, V-20	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
Pyridine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:35	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:35	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	46.0	30-130	
Phenol-d6	46.7	30-130	
Nitrobenzene-d5	44.6	30-130	
2-Fluorobiphenyl	60.0	30-130	
2,4,6-Tribromophenol	89.4	30-130	
p-Terphenyl-d14	80.4	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:30	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		65.1	30-150					10/3/15 23:30	
Decachlorobiphenyl [2]		81.0	30-150					10/3/15 23:30	
Tetrachloro-m-xylene [1]		78.4	30-150					10/3/15 23:30	
Tetrachloro-m-xylene [2]		90.2	30-150					10/3/15 23:30	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 21:54	SCS
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 21:54	SCS
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 21:54	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	54.1	40-140	
o-Terphenyl (OTP)	64.9	40-140	
2-Bromonaphthalene	86.1	40-140	
2-Fluorobiphenyl	86.3	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.21

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	9.6	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 3:25	EEH
C9-C12 Aliphatics	ND	9.6	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 3:25	EEH
C9-C10 Aromatics	ND	9.6	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 3:25	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	99.5		70-130				10/3/15 3:25		
2,5-Dibromotoluene (PID)	95.8		70-130				10/3/15 3:25		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-7 (12-14)

Sampled: 9/28/2015 11:50

Sample ID: 1511393-14

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:33	MJH
Barium	37	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:33	MJH
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:33	MJH
Chromium	21	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:33	MJH
Lead	2.8	0.78	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:33	MJH
Mercury	ND	0.026	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:27	SCB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:33	MJH
Silver	1.2	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:33	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 11:50

Field Sample #: SB-7 (12-14)

Sample ID: 1511393-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.3		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (0-2)

Sampled: 9/29/2015 15:40

Sample ID: 1511393-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Acrylonitrile	ND	0.0049	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Benzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Bromobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Bromochloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Bromoform	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Bromomethane	ND	0.0081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
2-Butanone (MEK)	ND	0.032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
tert-Butyl Alcohol (TBA)	ND	0.032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
n-Butylbenzene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
sec-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
tert-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Carbon Disulfide	ND	0.016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Chlorodibromomethane	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Chloroform	ND	0.0032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Chloromethane	ND	0.0081	mg/Kg dry	1	L-04	SW-846 8260C	10/5/15	10/5/15 19:24	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2-Dibromoethane (EDB)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Dibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
trans-1,4-Dichloro-2-butene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1-Dichloroethylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,3-Dichloropropane	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
cis-1,3-Dichloropropene	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
trans-1,3-Dichloropropene	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Diethyl Ether	ND	0.016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (0-2)

Sampled: 9/29/2015 15:40

Sample ID: 1511393-15

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,4-Dioxane	ND	0.081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Ethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
2-Hexanone (MBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Isopropylbenzene (Cumene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Naphthalene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
n-Propylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Styrene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.00081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Tetrahydrofuran	ND	0.0081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Toluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,3,5-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,2,4-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
1,3,5-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
Vinyl Chloride	ND	0.0081	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
m+p Xylene	ND	0.0032	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF
o-Xylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	10/5/15	10/5/15 19:24	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	117	70-130	10/5/15 19:24
Toluene-d8	99.8	70-130	10/5/15 19:24
4-Bromofluorobenzene	91.4	70-130	10/5/15 19:24

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (0-2)

Sampled: 9/29/2015 15:40

Sample ID: 1511393-15

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Acenaphthylene	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Acetophenone	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Aniline	ND	0.71	mg/Kg dry	2	V-05	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Anthracene	0.57	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Benzidine	ND	1.4	mg/Kg dry	2	V-04, V-05	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Benzo(a)anthracene	1.9	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Benzo(a)pyrene	1.7	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Benzo(b)fluoranthene	2.2	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Benzo(g,h,i)perylene	0.85	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Benzo(k)fluoranthene	0.81	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Benzoic Acid	ND	2.1	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Bis(2-chloroethoxy)methane	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Bis(2-chloroethyl)ether	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Bis(2-chloroisopropyl)ether	ND	0.71	mg/Kg dry	2	V-05	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
4-Bromophenylphenylether	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Butylbenzylphthalate	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Carbazole	0.38	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
4-Chloro-3-methylphenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2-Chloronaphthalene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2-Chlorophenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
4-Chlorophenylphenylether	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Chrysene	2.0	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Dibenz(a,h)anthracene	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Dibenzofuran	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Di-n-butylphthalate	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
1,2-Dichlorobenzene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
1,3-Dichlorobenzene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
1,4-Dichlorobenzene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
3,3-Dichlorobenzidine	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2,4-Dichlorophenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Diethylphthalate	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2,4-Dimethylphenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Dimethylphthalate	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
4,6-Dinitro-2-methylphenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	2	V-19, V-20	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2,4-Dinitrotoluene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2,6-Dinitrotoluene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Di-n-octylphthalate	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.71	mg/Kg dry	2	V-05	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Fluoranthene	4.1	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Fluorene	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (0-2)

Sampled: 9/29/2015 15:40

Sample ID: 1511393-15

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.71	mg/Kg dry	2	V-20	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Hexachlorobutadiene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Hexachlorocyclopentadiene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Hexachloroethane	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Indeno(1,2,3-cd)pyrene	1.0	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Isophorone	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
1-Methylnaphthalene	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2-Methylnaphthalene	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2-Methylphenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
3/4-Methylphenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Naphthalene	ND	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2-Nitroaniline	ND	0.71	mg/Kg dry	2	V-05	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
3-Nitroaniline	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
4-Nitroaniline	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Nitrobenzene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2-Nitrophenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
N-Nitrosodimethylamine	ND	0.71	mg/Kg dry	2	V-05	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
N-Nitrosodiphenylamine	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
N-Nitrosodi-n-propylamine	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Pentachloronitrobenzene	ND	0.71	mg/Kg dry	2	V-16, V-20	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Pentachlorophenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Phenanthrene	3.2	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Phenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Pyrene	3.9	0.36	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Pyridine	ND	0.71	mg/Kg dry	2	V-05	SW-846 8270D	10/1/15	10/6/15 18:01	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
1,2,4-Trichlorobenzene	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2,4,5-Trichlorophenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
2,4,6-Trichlorophenol	ND	0.71	mg/Kg dry	2		SW-846 8270D	10/1/15	10/6/15 18:01	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		52.6	30-130					10/6/15 18:01	
Phenol-d6		52.5	30-130					10/6/15 18:01	
Nitrobenzene-d5		35.7	30-130					10/6/15 18:01	
2-Fluorobiphenyl		67.2	30-130					10/6/15 18:01	
2,4,6-Tribromophenol		83.2	30-130					10/6/15 18:01	
p-Terphenyl-d14		73.9	30-130					10/6/15 18:01	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (0-2)

Sampled: 9/29/2015 15:40

Sample ID: 1511393-15

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 23:48	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		65.5	30-150					10/3/15 23:48	
Decachlorobiphenyl [2]		93.6	30-150					10/3/15 23:48	
Tetrachloro-m-xylene [1]		77.6	30-150					10/3/15 23:48	
Tetrachloro-m-xylene [2]		91.9	30-150					10/3/15 23:48	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (0-2)

Sampled: 9/29/2015 15:40

Sample ID: 1511393-15

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:15	SCS
C19-C36 Aliphatics	52	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:15	SCS
C11-C22 Aromatics	65	21	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:15	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	58.3	40-140	
o-Terphenyl (OTP)	70.2	40-140	
2-Bromonaphthalene	96.4	40-140	
2-Fluorobiphenyl	97.4	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (0-2)

Sampled: 9/29/2015 15:40

Sample ID: 1511393-15

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.23

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	9.3	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 4:01	EEH
C9-C12 Aliphatics	ND	9.3	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 4:01	EEH
C9-C10 Aromatics	ND	9.3	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 4:01	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	104		70-130				10/3/15 4:01		
2,5-Dibromotoluene (PID)	96.4		70-130				10/3/15 4:01		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/29/2015 15:40

Field Sample #: SB-8 (0-2)

Sample ID: 1511393-15

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	36	2.4	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:45	MJH
Barium	31	2.4	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:45	MJH
Cadmium	0.85	0.24	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:45	MJH
Chromium	21	0.49	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:45	MJH
Lead	44	0.73	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:45	MJH
Mercury	ND	0.025	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:29	SCB
Selenium	15	4.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:45	MJH
Silver	ND	0.49	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:45	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/29/2015 15:40

Field Sample #: SB-8 (0-2)

Sample ID: 1511393-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.5		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Acrylonitrile	ND	0.0052	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Bromomethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
tert-Butyl Alcohol (TBA)	ND	0.035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
n-Butylbenzene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Carbon Disulfide	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Chlorodibromomethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Chloromethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,3-Dichloropropane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
cis-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
trans-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,4-Dioxane	ND	0.087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Tetrahydrofuran	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
Vinyl Chloride	ND	0.0087	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:29	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	113	70-130	10/6/15 9:29
Toluene-d8	97.6	70-130	10/6/15 9:29
4-Bromofluorobenzene	94.0	70-130	10/6/15 9:29

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Aniline	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Benzidine	ND	0.73	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Butylbenzylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
4-Chloro-3-methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Dimethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1	V-19, V-20	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Di-n-octylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1	V-20	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Hexachlorocyclopentadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16, V-20	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
Pyridine	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 18:27	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 18:27	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	54.0	30-130	10/6/15 18:27
Phenol-d6	55.0	30-130	10/6/15 18:27
Nitrobenzene-d5	52.9	30-130	10/6/15 18:27
2-Fluorobiphenyl	68.9	30-130	10/6/15 18:27
2,4,6-Tribromophenol	97.2	30-130	10/6/15 18:27
p-Terphenyl-d14	91.2	30-130	10/6/15 18:27

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1260 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:05	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		67.5	30-150					10/4/15 0:05	
Decachlorobiphenyl [2]		84.8	30-150					10/4/15 0:05	
Tetrachloro-m-xylene [1]		78.9	30-150					10/4/15 0:05	
Tetrachloro-m-xylene [2]		90.8	30-150					10/4/15 0:05	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:36	SCS
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:36	SCS
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:36	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	58.2	40-140	
o-Terphenyl (OTP)	68.5	40-140	
2-Bromonaphthalene	87.8	40-140	
2-Fluorobiphenyl	88.3	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.94

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 4:37	EEH
C9-C12 Aliphatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 4:37	EEH
C9-C10 Aromatics	ND	13	mg/Kg dry	1		MADEP-VPH-04-1.1	10/1/15	10/3/15 4:37	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	136	*	70-130		S-17		10/3/15	4:37	
2,5-Dibromotoluene (PID)	125		70-130				10/3/15	4:37	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-8 (12-13)

Sampled: 9/29/2015 15:55

Sample ID: 1511393-16

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:49	MJH
Barium	68	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:49	MJH
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:49	MJH
Chromium	46	0.55	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:49	MJH
Lead	3.1	0.83	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:49	MJH
Mercury	ND	0.028	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:34	SCB
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:49	MJH
Silver	1.3	0.55	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:49	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/29/2015 15:55

Field Sample #: SB-8 (12-13)

Sample ID: 1511393-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.8		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Acrylonitrile	ND	0.0053	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Bromochloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Bromomethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
tert-Butyl Alcohol (TBA)	ND	0.035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
n-Butylbenzene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Carbon Disulfide	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Chlorodibromomethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Chloromethane	ND	0.0089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2-Dibromoethane (EDB)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,3-Dichloropropane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
cis-1,3-Dichloropropene	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
trans-1,3-Dichloropropene	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Diethyl Ether	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,4-Dioxane	ND	0.089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.00089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Tetrachloroethylene	0.0024	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Tetrahydrofuran	ND	0.0089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,3,5-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
Vinyl Chloride	ND	0.0089	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 9:56	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	116	70-130	10/6/15 9:56
Toluene-d8	96.8	70-130	10/6/15 9:56
4-Bromofluorobenzene	91.0	70-130	10/6/15 9:56

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Acenaphthylene	0.19	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Aniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Anthracene	0.19	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Benzidine	ND	0.70	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Benzo(a)anthracene	0.66	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Benzo(a)pyrene	0.66	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Benzo(b)fluoranthene	0.80	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Benzo(g,h,i)perylene	0.36	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Benzo(k)fluoranthene	0.29	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Chrysene	0.76	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-20, V-19	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Fluoranthene	1.0	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Indeno(1,2,3-cd)pyrene	0.40	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16, V-20	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Phenanthrene	0.77	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Pyrene	1.2	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
Pyridine	ND	0.36	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 15:52	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 15:52	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	55.7	30-130	
Phenol-d6	58.5	30-130	
Nitrobenzene-d5	55.4	30-130	
2-Fluorobiphenyl	74.7	30-130	
2,4,6-Tribromophenol	95.3	30-130	
p-Terphenyl-d14	88.6	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1221 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1232 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1242 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1248 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1254 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1260 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1262 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Aroclor-1268 [1]	ND	0.021	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:23	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		56.1	30-150					10/4/15 0:23	
Decachlorobiphenyl [2]		71.5	30-150					10/4/15 0:23	
Tetrachloro-m-xylene [1]		68.3	30-150					10/4/15 0:23	
Tetrachloro-m-xylene [2]		78.3	30-150					10/4/15 0:23	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	54	mg/Kg dry	5		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:56	SCS
C19-C36 Aliphatics	320	54	mg/Kg dry	5		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:56	SCS
C11-C22 Aromatics	260	54	mg/Kg dry	5		MADEP-EPH-04-1.1	10/1/15	10/2/15 22:56	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	62.3	40-140	
o-Terphenyl (OTP)	78.1	40-140	
2-Bromonaphthalene	88.3	40-140	
2-Fluorobiphenyl	89.5	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.10

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 15:59	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 15:59	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 15:59	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	94.8		70-130				10/5/15 15:59		
2,5-Dibromotoluene (PID)	87.0		70-130				10/5/15 15:59		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	2.9	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:53	MJH
Barium	40	2.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:53	MJH
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:53	MJH
Chromium	17	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:53	MJH
Lead	82	0.77	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:53	MJH
Mercury	0.026	0.025	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:35	SCB
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:53	MJH
Silver	0.85	0.52	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:53	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (0.5-4)

Sampled: 9/29/2015 12:40

Sample ID: 1511393-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.4		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Acrylonitrile	ND	0.0050	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Bromomethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
n-Butylbenzene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Carbon Disulfide	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Chlorodibromomethane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Chloromethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2-Dibromoethane (EDB)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,3-Dichloropropane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
cis-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
trans-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,4-Dioxane	ND	0.084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Tetrahydrofuran	ND	0.0084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
Vinyl Chloride	ND	0.0084	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	117	70-130	10/6/15 10:23
Toluene-d8	98.3	70-130	10/6/15 10:23
4-Bromofluorobenzene	91.1	70-130	10/6/15 10:23

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Acetophenone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Aniline	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Benzidine	ND	0.76	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Benzoic Acid	ND	1.2	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Butylbenzylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
4-Chloro-3-methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
1,2-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
1,3-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
1,4-Dichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Dimethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1	V-19, V-20	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Di-n-octylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.39	mg/Kg dry	1	V-20	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Hexachlorocyclopentadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
1-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
N-Nitrosodimethylamine	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16, V-20	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Pyridine	ND	0.39	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:17	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:17	BGL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		46.4	30-130					10/6/15 16:17	
Phenol-d6		47.4	30-130					10/6/15 16:17	
Nitrobenzene-d5		43.7	30-130					10/6/15 16:17	
2-Fluorobiphenyl		57.8	30-130					10/6/15 16:17	
2,4,6-Tribromophenol		74.6	30-130					10/6/15 16:17	
p-Terphenyl-d14		73.5	30-130					10/6/15 16:17	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1248 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:41	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		70.0	30-150					10/4/15 0:41	
Decachlorobiphenyl [2]		86.4	30-150					10/4/15 0:41	
Tetrachloro-m-xylene [1]		78.8	30-150					10/4/15 0:41	
Tetrachloro-m-xylene [2]		90.5	30-150					10/4/15 0:41	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:16	SCS
C19-C36 Aliphatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:16	SCS
C11-C22 Aromatics	ND	12	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:16	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	62.0	40-140	
o-Terphenyl (OTP)	73.0	40-140	
2-Bromonaphthalene	85.3	40-140	
2-Fluorobiphenyl	85.8	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

Sample Flags: O-01

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.29

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	19	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 16:35	EEH
C9-C12 Aliphatics	ND	19	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 16:35	EEH
C9-C10 Aromatics	ND	19	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 16:35	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	106		70-130				10/5/15 16:35		
2,5-Dibromotoluene (PID)	99.5		70-130				10/5/15 16:35		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:57	MJH
Barium	37	2.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:57	MJH
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:57	MJH
Chromium	12	0.56	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:57	MJH
Lead	2.9	0.84	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:57	MJH
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:37	SCB
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:57	MJH
Silver	0.99	0.56	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 12:57	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-9 (11-12)

Sampled: 9/29/2015 12:50

Sample ID: 1511393-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.6		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Acrylonitrile	ND	0.0058	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Bromomethane	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
tert-Butyl Alcohol (TBA)	ND	0.039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
n-Butylbenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Carbon Disulfide	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Chlorodibromomethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Chloromethane	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2-Dibromoethane (EDB)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,3-Dichloropropane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
cis-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
trans-1,3-Dichloropropene	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,4-Dioxane	ND	0.097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1,2,2-Tetrachloroethane	ND	0.00097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Tetrahydrofuran	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Toluene	0.0019	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
Vinyl Chloride	ND	0.0097	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 10:51	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	121	70-130	10/6/15 10:51
Toluene-d8	98.0	70-130	10/6/15 10:51
4-Bromofluorobenzene	88.7	70-130	10/6/15 10:51

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.43	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Acenaphthylene	0.35	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Aniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Anthracene	1.1	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Benzidine	ND	0.73	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Benzo(a)anthracene	5.5	0.94	mg/Kg dry	5		SW-846 8270D	10/1/15	10/7/15 10:05	BGL
Benzo(a)pyrene	4.9	0.94	mg/Kg dry	5		SW-846 8270D	10/1/15	10/7/15 10:05	BGL
Benzo(b)fluoranthene	5.7	0.94	mg/Kg dry	5		SW-846 8270D	10/1/15	10/7/15 10:05	BGL
Benzo(g,h,i)perylene	2.5	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Benzo(k)fluoranthene	2.7	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Carbazole	0.54	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
4-Chloroaniline	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
4-Chloro-3-methylphenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Chrysene	5.9	0.94	mg/Kg dry	5		SW-846 8270D	10/1/15	10/7/15 10:05	BGL
Dibenz(a,h)anthracene	0.77	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2,4-Dinitrophenol	ND	0.73	mg/Kg dry	1	V-19, V-20	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Fluoranthene	8.9	0.94	mg/Kg dry	5		SW-846 8270D	10/1/15	10/7/15 10:05	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Indeno(1,2,3-cd)pyrene	2.9	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Naphthalene	0.22	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
4-Nitrophenol	ND	0.73	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16, V-20	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Phenanthrene	4.4	0.94	mg/Kg dry	5		SW-846 8270D	10/1/15	10/7/15 10:05	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
Pyrene	10	0.94	mg/Kg dry	5		SW-846 8270D	10/1/15	10/7/15 10:05	BGL
Pyridine	ND	0.37	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 16:43	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 16:43	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	50.2	30-130	
Phenol-d6	52.6	30-130	
Nitrobenzene-d5	51.3	30-130	
2-Fluorobiphenyl	70.2	30-130	
2,4,6-Tribromophenol	75.0	30-130	
p-Terphenyl-d14	69.7	30-130	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1221 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1232 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1242 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1248 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1254 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1260 [1]	0.033	0.022	mg/Kg dry	1	O-04	SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1262 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Aroclor-1268 [1]	ND	0.022	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 0:59	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		60.9	30-150					10/4/15 0:59	
Decachlorobiphenyl [2]		98.3	30-150					10/4/15 0:59	
Tetrachloro-m-xylene [1]		70.1	30-150					10/4/15 0:59	
Tetrachloro-m-xylene [2]		81.0	30-150					10/4/15 0:59	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	22	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:37	SCS
C19-C36 Aliphatics	48	22	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:37	SCS
C11-C22 Aromatics	170	22	mg/Kg dry	2		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:37	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	52.8	40-140	
o-Terphenyl (OTP)	68.9	40-140	
2-Bromonaphthalene	103	40-140	
2-Fluorobiphenyl	103	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

Sample Flags: O-02

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.73

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 17:11	EEH
C9-C12 Aliphatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 17:11	EEH
C9-C10 Aromatics	ND	8.9	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 17:11	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	104		70-130				10/5/15 17:11		
2,5-Dibromotoluene (PID)	95.2		70-130				10/5/15 17:11		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.1	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:01	MJH
Barium	79	2.7	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:01	MJH
Cadmium	0.40	0.27	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:01	MJH
Chromium	21	0.54	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:01	MJH
Lead	990	0.81	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:01	MJH
Mercury	0.16	0.026	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:38	SCB
Selenium	7.9	5.4	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:01	MJH
Silver	1.1	0.54	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:01	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (0.5-4)

Sampled: 9/29/2015 09:35

Sample ID: 1511393-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.6		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Acrylonitrile	ND	0.0057	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Benzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Bromobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Bromochloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Bromodichloromethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Bromoform	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Bromomethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
2-Butanone (MEK)	ND	0.038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
tert-Butyl Alcohol (TBA)	ND	0.038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
n-Butylbenzene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
sec-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
tert-Butylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Carbon Disulfide	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Carbon Tetrachloride	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Chlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Chlorodibromomethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Chloroethane	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Chloroform	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Chloromethane	ND	0.0094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
2-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
4-Chlorotoluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2-Dibromoethane (EDB)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Dibromomethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,3-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,4-Dichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2-Dichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1-Dichloroethylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
cis-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
trans-1,2-Dichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,3-Dichloropropane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
2,2-Dichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1-Dichloropropene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
cis-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
trans-1,3-Dichloropropene	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Diethyl Ether	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,4-Dioxane	ND	0.094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Ethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Hexachlorobutadiene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
2-Hexanone (MBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Isopropylbenzene (Cumene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Methylene Chloride	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Naphthalene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
n-Propylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Styrene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Tetrachloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Tetrahydrofuran	ND	0.0094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Toluene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2,3-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2,4-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,3,5-Trichlorobenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1,1-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1,2-Trichloroethane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Trichloroethylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2,3-Trichloropropane	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,2,4-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
1,3,5-Trimethylbenzene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
Vinyl Chloride	ND	0.0094	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
m+p Xylene	ND	0.0038	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF
o-Xylene	ND	0.0019	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	119	70-130	10/6/15 11:18
Toluene-d8	98.3	70-130	10/6/15 11:18
4-Bromofluorobenzene	91.5	70-130	10/6/15 11:18

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Acetophenone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Aniline	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Benzidine	ND	0.74	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Benzoic Acid	ND	1.1	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Bis(2-chloroethoxy)methane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Bis(2-chloroethyl)ether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Bis(2-chloroisopropyl)ether	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
4-Bromophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Butylbenzylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
4-Chloroaniline	ND	0.74	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
4-Chloro-3-methylphenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2-Chloronaphthalene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2-Chlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
4-Chlorophenylphenylether	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Dibenzofuran	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Di-n-butylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
1,2-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
1,3-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
1,4-Dichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2,4-Dichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Diethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2,4-Dimethylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Dimethylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
4,6-Dinitro-2-methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2,4-Dinitrophenol	ND	0.74	mg/Kg dry	1	V-19, V-20	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2,4-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2,6-Dinitrotoluene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Di-n-octylphthalate	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

Semivolatle Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.38	mg/Kg dry	1	V-20	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Hexachlorobutadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Hexachlorocyclopentadiene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Hexachloroethane	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Isophorone	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
3/4-Methylphenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2-Nitroaniline	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
3-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
4-Nitroaniline	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Nitrobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2-Nitrophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
4-Nitrophenol	ND	0.74	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
N-Nitrosodimethylamine	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
N-Nitrosodiphenylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
N-Nitrosodi-n-propylamine	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Pentachloronitrobenzene	ND	0.38	mg/Kg dry	1	V-16, V-20	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Pentachlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Phenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
Pyridine	ND	0.38	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/6/15 17:10	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
1,2,4-Trichlorobenzene	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2,4,5-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL
2,4,6-Trichlorophenol	ND	0.38	mg/Kg dry	1		SW-846 8270D	10/1/15	10/6/15 17:10	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	52.9	30-130	10/6/15 17:10
Phenol-d6	55.2	30-130	10/6/15 17:10
Nitrobenzene-d5	51.9	30-130	10/6/15 17:10
2-Fluorobiphenyl	70.2	30-130	10/6/15 17:10
2,4,6-Tribromophenol	94.3	30-130	10/6/15 17:10
p-Terphenyl-d14	87.5	30-130	10/6/15 17:10

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1221 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1232 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1242 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1248 [1]	0.036	0.023	mg/Kg dry	1	O-04	SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1254 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1260 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1262 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Aroclor-1268 [1]	ND	0.023	mg/Kg dry	1		SW-846 8082A	10/1/15	10/4/15 1:16	KAL
Surrogates	% Recovery		Recovery Limits	Flag/Qual					
Decachlorobiphenyl [1]	60.6		30-150			10/4/15 1:16			
Decachlorobiphenyl [2]	72.7		30-150			10/4/15 1:16			
Tetrachloro-m-xylene [1]	67.1		30-150			10/4/15 1:16			
Tetrachloro-m-xylene [2]	75.6		30-150			10/4/15 1:16			

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:57	SCS
C19-C36 Aliphatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:57	SCS
C11-C22 Aromatics	ND	11	mg/Kg dry	1		MADEP-EPH-04-1.1	10/1/15	10/2/15 23:57	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	54.3	40-140	
o-Terphenyl (OTP)	63.9	40-140	
2-Bromonaphthalene	83.2	40-140	
2-Fluorobiphenyl	83.5	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

Sample Flags: O-01

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 1.36

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 17:47	EEH
C9-C12 Aliphatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 17:47	EEH
C9-C10 Aromatics	ND	14	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 17:47	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	110		70-130				10/5/15 17:47		
2,5-Dibromotoluene (PID)	103		70-130				10/5/15 17:47		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:05	MJH
Barium	41	2.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:05	MJH
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:05	MJH
Chromium	25	0.58	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:05	MJH
Lead	57	0.86	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:05	MJH
Mercury	0.075	0.026	mg/Kg dry	1		SW-846 7471B	10/2/15	10/7/15 11:40	SCB
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:05	MJH
Silver	1.1	0.58	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:05	MJH

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: SB-10 (4-8)

Sampled: 9/29/2015 09:40

Sample ID: 1511393-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: DUP-6

Sampled: 9/28/2015 14:05

Sample ID: 1511393-21

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Acrylonitrile	ND	0.0061	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Bromochloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
2-Butanone (MEK)	ND	0.040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
n-Butylbenzene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Carbon Disulfide	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Chloroform	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1-Dichloroethylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Diethyl Ether	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: DUP-6

Sampled: 9/28/2015 14:05

Sample ID: 1511393-21

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Naphthalene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
m+p Xylene	ND	0.0040	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	10/5/15	10/6/15 11:46	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	118	70-130	10/6/15 11:46
Toluene-d8	98.1	70-130	10/6/15 11:46
4-Bromofluorobenzene	91.5	70-130	10/6/15 11:46

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: DUP-6

Sampled: 9/28/2015 14:05

Sample ID: 1511393-21

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.23	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Acenaphthylene	0.51	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Acetophenone	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Aniline	ND	0.35	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Anthracene	0.74	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Benzidine	ND	0.69	mg/Kg dry	1	V-04, V-05	SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Benzo(a)anthracene	2.9	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Benzo(a)pyrene	2.2	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Benzo(b)fluoranthene	2.4	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Benzo(g,h,i)perylene	1.1	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Benzo(k)fluoranthene	0.83	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Benzoic Acid	ND	1.0	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Butylbenzylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Carbazole	0.26	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
4-Chloroaniline	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Chrysene	3.0	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Dibenz(a,h)anthracene	0.43	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
1,2-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
1,3-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
1,4-Dichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Dimethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Di-n-octylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Fluoranthene	4.6	0.71	mg/Kg dry	4		SW-846 8270D	10/1/15	10/5/15 13:06	CMR
Fluorene	0.37	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 14:05

Field Sample #: DUP-6

Sample ID: 1511393-21

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Hexachlorocyclopentadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Indeno(1,2,3-cd)pyrene	1.2	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Naphthalene	0.19	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
N-Nitrosodimethylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Pentachlorophenol	ND	0.35	mg/Kg dry	1	V-05	SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Phenanthrene	3.9	0.18	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
Pyrene	5.2	0.71	mg/Kg dry	4		SW-846 8270D	10/1/15	10/5/15 13:06	CMR
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	10/1/15	10/2/15 14:27	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	57.4	30-130	
Phenol-d6	57.7	30-130	
Nitrobenzene-d5	55.9	30-130	
2-Fluorobiphenyl	70.8	30-130	
2,4,6-Tribromophenol	77.8	30-130	
p-Terphenyl-d14	84.0	30-130	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 14:05

Field Sample #: DUP-6

Sample ID: 1511393-21

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1221 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1232 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1242 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1248 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1254 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1260 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1262 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Aroclor-1268 [1]	ND	0.020	mg/Kg dry	1		SW-846 8082A	10/1/15	10/3/15 16:57	KAL
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		56.7	30-150					10/3/15 16:57	
Decachlorobiphenyl [2]		79.4	30-150					10/3/15 16:57	
Tetrachloro-m-xylene [1]		59.8	30-150					10/3/15 16:57	
Tetrachloro-m-xylene [2]		68.6	30-150					10/3/15 16:57	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 14:05

Field Sample #: DUP-6

Sample ID: 1511393-21

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	10	mg/Kg dry	1		MADEP-EPH-04-1.1	10/2/15	10/5/15 16:07	SCS
C19-C36 Aliphatics	ND	10	mg/Kg dry	1		MADEP-EPH-04-1.1	10/2/15	10/5/15 16:07	SCS
C11-C22 Aromatics	63	10	mg/Kg dry	1		MADEP-EPH-04-1.1	10/2/15	10/5/15 16:07	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	48.5	40-140	
o-Terphenyl (OTP)	54.9	40-140	
2-Bromonaphthalene	81.8	40-140	
2-Fluorobiphenyl	82.7	40-140	

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 14:05

Field Sample #: DUP-6

Sample ID: 1511393-21

Sample Matrix: Soil

**Petroleum Hydrocarbons Analyses - VPH**

Soil/Methanol Preservation Ratio: 0.94

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 18:24	EEH
C9-C12 Aliphatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 18:24	EEH
C9-C10 Aromatics	ND	11	mg/Kg dry	1		MADEP-VPH-04-1.1	10/2/15	10/5/15 18:24	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	98.1		70-130				10/5/15 18:24		
2,5-Dibromotoluene (PID)	89.9		70-130				10/5/15 18:24		

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Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 14:05

Field Sample #: DUP-6

Sample ID: 1511393-21

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	3.5	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:09	MJH
Barium	37	2.5	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:09	MJH
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:09	MJH
Chromium	16	0.51	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:09	MJH
Lead	24	0.76	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:09	MJH
Mercury	ND	0.023	mg/Kg dry	1		SW-846 7471B	10/2/15	10/6/15 12:47	SCB
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:09	MJH
Silver	0.94	0.51	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 13:09	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Sampled: 9/28/2015 14:05

Field Sample #: DUP-6

Sample ID: 1511393-21

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.3		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: PCB-1

Sampled: 9/29/2015 10:30

Sample ID: 1511393-22

Sample Matrix: Wipe

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1248 [1]	0.23	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 12:50	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		86.4	30-150					10/5/15 12:50	
Decachlorobiphenyl [2]		90.6	30-150					10/5/15 12:50	
Tetrachloro-m-xylene [1]		86.7	30-150					10/5/15 12:50	
Tetrachloro-m-xylene [2]		92.1	30-150					10/5/15 12:50	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: PCB-FB

Sampled: 9/29/2015 10:30

Sample ID: 1511393-23

Sample Matrix: Wipe

**Polychlorinated Biphenyls By GC/ECD**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1221 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1232 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1242 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1248 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1254 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1260 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1262 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Aroclor-1268 [1]	ND	0.20	µg/Wipe	1		SW-846 8082A	10/2/15	10/5/15 13:03	PJG
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		95.4	30-150					10/5/15 13:03	
Decachlorobiphenyl [2]		98.2	30-150					10/5/15 13:03	
Tetrachloro-m-xylene [1]		94.4	30-150					10/5/15 13:03	
Tetrachloro-m-xylene [2]		99.3	30-150					10/5/15 13:03	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (4-8) ms/msd

Sampled: 9/28/2015 14:20

Sample ID: 1511393-24

Sample Matrix: Soil

**Metals Analyses (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.0	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:23	MJH
Barium	20	3.0	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:23	MJH
Cadmium	ND	0.30	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:23	MJH
Chromium	15	0.59	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:23	MJH
Lead	14	0.89	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:23	MJH
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	10/2/15	10/6/15 12:49	SCB
Selenium	ND	5.9	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:23	MJH
Silver	1.5	0.59	mg/Kg dry	1		SW-846 6010C	10/6/15	10/7/15 11:23	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Wilton, ME

Sample Description:

Work Order: 1511393

Date Received: 9/30/2015

Field Sample #: MW-2 (4-8) ms/msd

Sampled: 9/28/2015 14:20

Sample ID: 1511393-24

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.1		% Wt	1		SM 2540G	10/1/15	10/2/15 9:26	MRL

**Sample Extraction Data**

**Prep Method: SW-846 3546-MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-01 [MW-1 (1-2)]	B131917	10.0	2.00	10/01/15
15I1393-02 [MW-1 (13-15)]	B131917	20.0	2.00	10/01/15
15I1393-03 [MW-2 (0-4)]	B131917	20.0	2.00	10/01/15
15I1393-04 [MW-2 (15-16)]	B131917	20.0	2.00	10/01/15
15I1393-05 [MW-3 (0-2)]	B131917	20.0	2.00	10/01/15
15I1393-06 [MW-3 (12-14)]	B131917	20.0	2.00	10/01/15
15I1393-07 [MW-4 (0.5-4)]	B131917	20.0	2.00	10/01/15
15I1393-08 [MW-4 (8-10)]	B131917	20.2	2.00	10/01/15
15I1393-09 [MW-5 (0.5-3.5)]	B131917	20.0	2.00	10/01/15
15I1393-10 [MW-5 (8-10)]	B131917	20.0	2.00	10/01/15
15I1393-11 [MW-6 (0.5-4)]	B131917	20.0	2.00	10/01/15
15I1393-12 [MW-6 (4-6)]	B131917	20.0	2.00	10/01/15
15I1393-14 [SB-7 (12-14)]	B131917	20.0	2.00	10/01/15
15I1393-15 [SB-8 (0-2)]	B131917	20.0	2.00	10/01/15
15I1393-16 [SB-8 (12-13)]	B131917	20.0	2.00	10/01/15
15I1393-17 [SB-9 (0.5-4)]	B131917	20.0	2.00	10/01/15
15I1393-18 [SB-9 (11-12)]	B131917	20.0	2.00	10/01/15
15I1393-19 [SB-10 (0.5-4)]	B131917	20.0	2.00	10/01/15
15I1393-20 [SB-10 (4-8)]	B131917	20.0	2.00	10/01/15

**Prep Method: SW-846 3546-MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-21 [DUP-6]	B132081	20.0	2.00	10/02/15

**Prep Method: SW-846 3546-MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-13RE1 [SB-7 (0-4)]	B132157	20.0	2.00	10/05/15

**Prep Method: MA VPH-MADEP-VPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-02 [MW-1 (13-15)]	B132008	22.1	17.8	10/01/15
15I1393-03 [MW-2 (0-4)]	B132008	16.0	16.3	10/01/15
15I1393-04 [MW-2 (15-16)]	B132008	17.1	16.8	10/01/15
15I1393-05 [MW-3 (0-2)]	B132008	12.1	15.9	10/01/15
15I1393-06 [MW-3 (12-14)]	B132008	15.6	16.2	10/01/15
15I1393-07 [MW-4 (0.5-4)]	B132008	13.0	15.7	10/01/15
15I1393-08 [MW-4 (8-10)]	B132008	15.0	16.5	10/01/15
15I1393-09 [MW-5 (0.5-3.5)]	B132008	12.5	15.8	10/01/15
15I1393-10 [MW-5 (8-10)]	B132008	16.6	17.5	10/01/15
15I1393-11 [MW-6 (0.5-4)]	B132008	12.8	15.9	10/01/15
15I1393-12 [MW-6 (4-6)]	B132008	15.0	17.1	10/01/15
15I1393-13 [SB-7 (0-4)]	B132008	15.4	15.7	10/01/15
15I1393-14 [SB-7 (12-14)]	B132008	18.2	16.3	10/01/15
15I1393-15 [SB-8 (0-2)]	B132008	18.4	16.1	10/01/15
15I1393-16 [SB-8 (12-13)]	B132008	14.1	16.5	10/01/15

**Sample Extraction Data**

**Prep Method: MA VPH-MADEP-VPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-01 [MW-1 (1-2)]	B132112	15.2	16.9	10/05/15
15I1393-17 [SB-9 (0.5-4)]	B132112	16.4	16.2	10/02/15
15I1393-18 [SB-9 (11-12)]	B132112	10.9	17.9	10/02/15
15I1393-19 [SB-10 (0.5-4)]	B132112	20.4	16.2	10/02/15
15I1393-20 [SB-10 (4-8)]	B132112	14.1	17.4	10/02/15
15I1393-21 [DUP-6]	B132112	14.1	15.6	10/02/15

**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
15I1393-01 [MW-1 (1-2)]	B131956	10/01/15
15I1393-02 [MW-1 (13-15)]	B131956	10/01/15
15I1393-03 [MW-2 (0-4)]	B131956	10/01/15
15I1393-04 [MW-2 (15-16)]	B131956	10/01/15
15I1393-05 [MW-3 (0-2)]	B131956	10/01/15
15I1393-06 [MW-3 (12-14)]	B131956	10/01/15
15I1393-07 [MW-4 (0.5-4)]	B131956	10/01/15
15I1393-08 [MW-4 (8-10)]	B131956	10/01/15
15I1393-09 [MW-5 (0.5-3.5)]	B131956	10/01/15
15I1393-10 [MW-5 (8-10)]	B131956	10/01/15
15I1393-11 [MW-6 (0.5-4)]	B131956	10/01/15
15I1393-12 [MW-6 (4-6)]	B131956	10/01/15
15I1393-13 [SB-7 (0-4)]	B131956	10/01/15
15I1393-14 [SB-7 (12-14)]	B131956	10/01/15
15I1393-15 [SB-8 (0-2)]	B131956	10/01/15
15I1393-16 [SB-8 (12-13)]	B131956	10/01/15
15I1393-17 [SB-9 (0.5-4)]	B131956	10/01/15
15I1393-18 [SB-9 (11-12)]	B131956	10/01/15
15I1393-19 [SB-10 (0.5-4)]	B131956	10/01/15
15I1393-20 [SB-10 (4-8)]	B131956	10/01/15
15I1393-21 [DUP-6]	B131956	10/01/15
15I1393-24 [MW-2 (4-8) ms/msd]	B131956	10/01/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-03 [MW-2 (0-4)]	B132242	1.04	50.0	10/06/15
15I1393-04 [MW-2 (15-16)]	B132242	1.04	50.0	10/06/15
15I1393-05 [MW-3 (0-2)]	B132242	1.03	50.0	10/06/15
15I1393-06 [MW-3 (12-14)]	B132242	1.06	50.0	10/06/15
15I1393-07 [MW-4 (0.5-4)]	B132242	1.06	50.0	10/06/15
15I1393-08 [MW-4 (8-10)]	B132242	1.02	50.0	10/06/15
15I1393-09 [MW-5 (0.5-3.5)]	B132242	1.07	50.0	10/06/15
15I1393-10 [MW-5 (8-10)]	B132242	1.01	50.0	10/06/15
15I1393-11 [MW-6 (0.5-4)]	B132242	1.00	50.0	10/06/15
15I1393-12 [MW-6 (4-6)]	B132242	1.01	50.0	10/06/15
15I1393-13 [SB-7 (0-4)]	B132242	1.02	50.0	10/06/15
15I1393-14 [SB-7 (12-14)]	B132242	1.03	50.0	10/06/15
15I1393-15 [SB-8 (0-2)]	B132242	1.09	50.0	10/06/15
15I1393-16 [SB-8 (12-13)]	B132242	1.01	50.0	10/06/15
15I1393-17 [SB-9 (0.5-4)]	B132242	1.04	50.0	10/06/15
15I1393-18 [SB-9 (11-12)]	B132242	1.04	50.0	10/06/15
15I1393-19 [SB-10 (0.5-4)]	B132242	1.03	50.0	10/06/15

**Sample Extraction Data**

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-20 [SB-10 (4-8)]	B132242	0.982	50.0	10/06/15
15I1393-21 [DUP-6]	B132242	1.02	50.0	10/06/15
15I1393-24 [MW-2 (4-8) ms/msd]	B132242	0.994	50.0	10/06/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-01 [MW-1 (1-2)]	B132248	0.986	50.0	10/06/15
15I1393-02 [MW-1 (13-15)]	B132248	1.03	50.0	10/06/15

**Prep Method: SW-846 3050B-SW-846 6010C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-02RE1 [MW-1 (13-15)]	B132433	1.02	50.0	10/07/15

**Prep Method: SW-846 7471-SW-846 7471B**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-21 [DUP-6]	B132091	0.665	50.0	10/02/15
15I1393-24 [MW-2 (4-8) ms/msd]	B132091	0.646	50.0	10/02/15

**Prep Method: SW-846 7471-SW-846 7471B**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-01 [MW-1 (1-2)]	B132092	0.627	50.0	10/02/15
15I1393-02 [MW-1 (13-15)]	B132092	0.633	50.0	10/02/15
15I1393-03 [MW-2 (0-4)]	B132092	0.612	50.0	10/02/15
15I1393-04 [MW-2 (15-16)]	B132092	0.672	50.0	10/02/15
15I1393-05 [MW-3 (0-2)]	B132092	0.629	50.0	10/02/15
15I1393-06 [MW-3 (12-14)]	B132092	0.635	50.0	10/02/15
15I1393-07 [MW-4 (0-5-4)]	B132092	0.661	50.0	10/02/15
15I1393-08 [MW-4 (8-10)]	B132092	0.622	50.0	10/02/15
15I1393-09 [MW-5 (0.5-3.5)]	B132092	0.609	50.0	10/02/15
15I1393-10 [MW-5 (8-10)]	B132092	0.600	50.0	10/02/15
15I1393-11 [MW-6 (0.5-4)]	B132092	0.682	50.0	10/02/15
15I1393-12 [MW-6 (4-6)]	B132092	0.603	50.0	10/02/15
15I1393-13 [SB-7 (0-4)]	B132092	0.608	50.0	10/02/15
15I1393-14 [SB-7 (12-14)]	B132092	0.629	50.0	10/02/15
15I1393-15 [SB-8 (0-2)]	B132092	0.637	50.0	10/02/15
15I1393-16 [SB-8 (12-13)]	B132092	0.607	50.0	10/02/15
15I1393-17 [SB-9 (0.5-4)]	B132092	0.639	50.0	10/02/15
15I1393-18 [SB-9 (11-12)]	B132092	0.648	50.0	10/02/15
15I1393-19 [SB-10 (0.5-4)]	B132092	0.636	50.0	10/02/15
15I1393-20 [SB-10 (4-8)]	B132092	0.640	50.0	10/02/15

**Prep Method: SW-846 3546-SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-01 [MW-1 (1-2)]	B131924	10.0	10.0	10/01/15

**Sample Extraction Data**

**Prep Method: SW-846 3546-SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-02 [MW-1 (13-15)]	B131924	10.0	10.0	10/01/15
15I1393-03 [MW-2 (0-4)]	B131924	10.1	10.0	10/01/15
15I1393-04 [MW-2 (15-16)]	B131924	10.1	10.0	10/01/15
15I1393-05 [MW-3 (0-2)]	B131924	10.0	10.0	10/01/15
15I1393-06 [MW-3 (12-14)]	B131924	10.0	10.0	10/01/15
15I1393-07 [MW-4 (0.5-4)]	B131924	10.0	10.0	10/01/15
15I1393-08 [MW-4 (8-10)]	B131924	10.0	10.0	10/01/15
15I1393-09 [MW-5 (0.5-3.5)]	B131924	10.0	10.0	10/01/15
15I1393-10 [MW-5 (8-10)]	B131924	10.0	10.0	10/01/15
15I1393-11 [MW-6 (0.5-4)]	B131924	10.0	10.0	10/01/15
15I1393-12 [MW-6 (4-6)]	B131924	10.0	10.0	10/01/15
15I1393-13 [SB-7 (0-4)]	B131924	10.0	10.0	10/01/15
15I1393-14 [SB-7 (12-14)]	B131924	10.0	10.0	10/01/15
15I1393-15 [SB-8 (0-2)]	B131924	10.0	10.0	10/01/15
15I1393-16 [SB-8 (12-13)]	B131924	10.0	10.0	10/01/15
15I1393-17 [SB-9 (0.5-4)]	B131924	10.0	10.0	10/01/15
15I1393-18 [SB-9 (11-12)]	B131924	10.0	10.0	10/01/15
15I1393-19 [SB-10 (0.5-4)]	B131924	10.0	10.0	10/01/15
15I1393-20 [SB-10 (4-8)]	B131924	10.0	10.0	10/01/15

**Prep Method: SW-846 3546-SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-21 [DUP-6]	B132020	10.3	10.0	10/01/15

**Prep Method: SW-846 3546-SW-846 8082A**

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
15I1393-22 [PCB-1]	B132037	1.00	10.0	10/02/15
15I1393-23 [PCB-FB]	B132037	1.00	10.0	10/02/15

**Prep Method: SW-846 5035-SW-846 8260C**

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
15I1393-01 [MW-1 (1-2)]	B131980	16.1	16.9	0.5	50	10/01/15

**Prep Method: SW-846 5035-SW-846 8260C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-02 [MW-1 (13-15)]	B132192	8.45	10.0	10/05/15
15I1393-03 [MW-2 (0-4)]	B132192	4.28	10.0	10/05/15
15I1393-04 [MW-2 (15-16)]	B132192	5.98	10.0	10/05/15
15I1393-05 [MW-3 (0-2)]	B132192	4.82	10.0	10/05/15
15I1393-06 [MW-3 (12-14)]	B132192	8.10	10.0	10/05/15
15I1393-07 [MW-4 (0.5-4)]	B132192	3.84	10.0	10/05/15
15I1393-09 [MW-5 (0.5-3.5)]	B132192	4.43	10.0	10/05/15
15I1393-10 [MW-5 (8-10)]	B132192	6.08	10.0	10/05/15
15I1393-11 [MW-6 (0.5-4)]	B132192	5.28	10.0	10/05/15
15I1393-12 [MW-6 (4-6)]	B132192	6.64	10.0	10/05/15
15I1393-13 [SB-7 (0-4)]	B132192	5.35	10.0	10/05/15

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**Sample Extraction Data**

**Prep Method: SW-846 5035-SW-846 8260C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-14 [SB-7 (12-14)]	B132192	5.83	10.0	10/05/15
15I1393-15 [SB-8 (0-2)]	B132192	6.54	10.0	10/05/15

**Prep Method: SW-846 5035-SW-846 8260C**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-08 [MW-4 (8-10)]	B132241	6.66	10.0	10/05/15
15I1393-16 [SB-8 (12-13)]	B132241	6.39	10.0	10/05/15
15I1393-17 [SB-9 (0.5-4)]	B132241	6.04	10.0	10/05/15
15I1393-18 [SB-9 (11-12)]	B132241	6.96	10.0	10/05/15
15I1393-19 [SB-10 (0.5-4)]	B132241	5.73	10.0	10/05/15
15I1393-20 [SB-10 (4-8)]	B132241	5.99	10.0	10/05/15
15I1393-21 [DUP-6]	B132241	5.13	10.0	10/05/15

**Prep Method: SW-846 3546-SW-846 8270D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-21 [DUP-6]	B131923	30.0	1.00	10/01/15
15I1393-21RE1 [DUP-6]	B131923	30.0	1.00	10/01/15

**Prep Method: SW-846 3546-SW-846 8270D**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
15I1393-01 [MW-1 (1-2)]	B131997	30.1	1.00	10/01/15
15I1393-01RE1 [MW-1 (1-2)]	B131997	30.1	1.00	10/01/15
15I1393-02 [MW-1 (13-15)]	B131997	30.2	1.00	10/01/15
15I1393-03 [MW-2 (0-4)]	B131997	30.3	1.00	10/01/15
15I1393-03RE1 [MW-2 (0-4)]	B131997	30.3	1.00	10/01/15
15I1393-04 [MW-2 (15-16)]	B131997	30.4	1.00	10/01/15
15I1393-05 [MW-3 (0-2)]	B131997	30.3	1.00	10/01/15
15I1393-06 [MW-3 (12-14)]	B131997	30.4	1.00	10/01/15
15I1393-07 [MW-4 (0.5-4)]	B131997	30.1	1.00	10/01/15
15I1393-08 [MW-4 (8-10)]	B131997	30.1	1.00	10/01/15
15I1393-09 [MW-5 (0.5-3.5)]	B131997	30.3	1.00	10/01/15
15I1393-10 [MW-5 (8-10)]	B131997	30.2	1.00	10/01/15
15I1393-11 [MW-6 (0.5-4)]	B131997	30.2	1.00	10/01/15
15I1393-12 [MW-6 (4-6)]	B131997	30.3	1.00	10/01/15
15I1393-13 [SB-7 (0-4)]	B131997	30.0	1.00	10/01/15
15I1393-13RE1 [SB-7 (0-4)]	B131997	30.0	1.00	10/01/15
15I1393-14 [SB-7 (12-14)]	B131997	30.1	1.00	10/01/15
15I1393-15 [SB-8 (0-2)]	B131997	30.2	1.00	10/01/15
15I1393-16 [SB-8 (12-13)]	B131997	30.2	1.00	10/01/15
15I1393-17 [SB-9 (0.5-4)]	B131997	30.1	1.00	10/01/15
15I1393-18 [SB-9 (11-12)]	B131997	30.4	1.00	10/01/15
15I1393-19 [SB-10 (0.5-4)]	B131997	30.4	1.00	10/01/15
15I1393-19RE1 [SB-10 (0.5-4)]	B131997	30.4	1.00	10/01/15
15I1393-20 [SB-10 (4-8)]	B131997	30.3	1.00	10/01/15

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131980 - SW-846 5035**

**Blank (B131980-BLK1)**

Prepared: 10/01/15 Analyzed: 10/07/15

Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							L-04
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							L-04
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Diethyl Ether	ND	0.10	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	2.5	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131980 - SW-846 5035**

**Blank (B131980-BLK1)**

Prepared: 10/01/15 Analyzed: 10/07/15

Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							

Surrogate: 1,2-Dichloroethane-d4	0.0252		mg/Kg wet	0.0250		101	70-130			
Surrogate: Toluene-d8	0.0257		mg/Kg wet	0.0250		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0253		mg/Kg wet	0.0250		101	70-130			

**LCS (B131980-BS1)**

Prepared: 10/01/15 Analyzed: 10/07/15

Acetone	0.103	0.057	mg/Kg wet	0.113		90.7	70-160			†
Acrylonitrile	0.00953	0.0057	mg/Kg wet	0.0113		84.1	70-130			
tert-Amyl Methyl Ether (TAME)	0.00979	0.00057	mg/Kg wet	0.0113		86.4	70-130			
Benzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
Bromobenzene	0.0110	0.0011	mg/Kg wet	0.0113		96.8	70-130			
Bromochloromethane	0.0110	0.0011	mg/Kg wet	0.0113		97.3	70-130			
Bromodichloromethane	0.0103	0.0011	mg/Kg wet	0.0113		90.6	70-130			
Bromoform	0.00901	0.0011	mg/Kg wet	0.0113		79.5	70-130			
Bromomethane	0.00937	0.0023	mg/Kg wet	0.0113		82.7	40-130			†
2-Butanone (MEK)	0.103	0.023	mg/Kg wet	0.113		90.6	70-160			†
tert-Butyl Alcohol (TBA)	0.0821	0.023	mg/Kg wet	0.113		72.4	40-130			†
n-Butylbenzene	0.0103	0.0011	mg/Kg wet	0.0113		90.9	70-130			
sec-Butylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
tert-Butylbenzene	0.0110	0.0011	mg/Kg wet	0.0113		97.5	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0103	0.00057	mg/Kg wet	0.0113		90.6	70-130			
Carbon Disulfide	0.0124	0.0034	mg/Kg wet	0.0113		110	70-130			
Carbon Tetrachloride	0.00981	0.0011	mg/Kg wet	0.0113		86.6	70-130			
Chlorobenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.1	70-130			
Chlorodibromomethane	0.00984	0.00057	mg/Kg wet	0.0113		86.8	70-130			
Chloroethane	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130			
Chloroform	0.0114	0.0023	mg/Kg wet	0.0113		101	70-130			
<b>Chloromethane</b>	0.00736	0.0023	mg/Kg wet	0.0113		<b>64.9</b> *	70-130			
2-Chlorotoluene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			

L-04

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131980 - SW-846 5035</b>										
<b>LCS (B131980-BS1)</b>										
					Prepared: 10/01/15 Analyzed: 10/07/15					
4-Chlorotoluene	0.0113	0.0011	mg/Kg wet	0.0113		99.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0110	0.0057	mg/Kg wet	0.0113		97.5	70-130			
1,2-Dibromoethane (EDB)	0.0106	0.00057	mg/Kg wet	0.0113		93.9	70-130			
Dibromomethane	0.0105	0.0011	mg/Kg wet	0.0113		92.5	70-130			
1,2-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
1,3-Dichlorobenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
1,4-Dichlorobenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.7	70-130			
trans-1,4-Dichloro-2-butene	0.00811	0.0023	mg/Kg wet	0.0113		71.6	70-130			
<b>Dichlorodifluoromethane (Freon 12)</b>	0.00372	0.0023	mg/Kg wet	0.0113		<b>32.8</b>	* 40-160			L-04 †
1,1-Dichloroethane	0.0117	0.0011	mg/Kg wet	0.0113		104	70-130			
1,2-Dichloroethane	0.0110	0.0011	mg/Kg wet	0.0113		97.4	70-130			
1,1-Dichloroethylene	0.0111	0.0011	mg/Kg wet	0.0113		98.3	70-130			
cis-1,2-Dichloroethylene	0.0109	0.0011	mg/Kg wet	0.0113		95.9	70-130			
trans-1,2-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		99.2	70-130			
1,2-Dichloropropane	0.0113	0.0011	mg/Kg wet	0.0113		99.4	70-130			
1,3-Dichloropropane	0.0108	0.00057	mg/Kg wet	0.0113		95.7	70-130			
2,2-Dichloropropane	0.00874	0.0011	mg/Kg wet	0.0113		77.1	70-130			
1,1-Dichloropropene	0.0107	0.0023	mg/Kg wet	0.0113		94.7	70-130			
cis-1,3-Dichloropropene	0.0109	0.00057	mg/Kg wet	0.0113		96.2	70-130			
trans-1,3-Dichloropropene	0.0114	0.00057	mg/Kg wet	0.0113		100	70-130			
Diethyl Ether	0.0101	0.0023	mg/Kg wet	0.0113		88.8	70-130			
Diisopropyl Ether (DIPE)	0.0104	0.00057	mg/Kg wet	0.0113		91.8	70-130			
1,4-Dioxane	0.0942	0.057	mg/Kg wet	0.113		83.1	40-160			†
Ethylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130			
Hexachlorobutadiene	0.0109	0.0011	mg/Kg wet	0.0113		96.0	70-160			
2-Hexanone (MBK)	0.108	0.011	mg/Kg wet	0.113		95.4	70-160			†
Isopropylbenzene (Cumene)	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
p-Isopropyltoluene (p-Cymene)	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130			
Methyl tert-Butyl Ether (MTBE)	0.00960	0.0011	mg/Kg wet	0.0113		84.7	70-130			
Methylene Chloride	0.0110	0.0057	mg/Kg wet	0.0113		96.8	40-160			†
4-Methyl-2-pentanone (MIBK)	0.0989	0.011	mg/Kg wet	0.113		87.3	70-160			†
<b>Naphthalene</b>	0.0167	0.0023	mg/Kg wet	0.0113		<b>148</b>	* 40-130			L-06, V-06 †
n-Propylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
Styrene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
1,1,1,2-Tetrachloroethane	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130			
1,1,2,2-Tetrachloroethane	0.00886	0.00057	mg/Kg wet	0.0113		78.2	70-130			
Tetrachloroethylene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
Tetrahydrofuran	0.00969	0.011	mg/Kg wet	0.0113		85.5	70-130			
Toluene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
1,2,3-Trichlorobenzene	0.0104	0.0057	mg/Kg wet	0.0113		92.0	70-130			
1,2,4-Trichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.7	70-130			
1,3,5-Trichlorobenzene	0.0100	0.0011	mg/Kg wet	0.0113		88.4	70-130			
1,1,1-Trichloroethane	0.0107	0.0011	mg/Kg wet	0.0113		94.6	70-130			
1,1,2-Trichloroethane	0.0107	0.0011	mg/Kg wet	0.0113		94.5	70-130			
Trichloroethylene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130			
Trichlorofluoromethane (Freon 11)	0.0105	0.0023	mg/Kg wet	0.0113		92.7	70-130			
1,2,3-Trichloropropane	0.0101	0.0023	mg/Kg wet	0.0113		89.3	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0105	0.0011	mg/Kg wet	0.0113		92.6	70-130			
1,2,4-Trimethylbenzene	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
1,3,5-Trimethylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
Vinyl Chloride	0.00906	0.0023	mg/Kg wet	0.0113		79.9	40-130			†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131980 - SW-846 5035</b>										
<b>LCS (B131980-BS1)</b>										
					Prepared: 10/01/15 Analyzed: 10/07/15					
m+p Xylene	0.0234	0.0023	mg/Kg wet	0.0227		103	70-130			
o-Xylene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0285		mg/Kg wet	0.0283		101	70-130			
Surrogate: Toluene-d8	0.0290		mg/Kg wet	0.0283		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.0290		mg/Kg wet	0.0283		102	70-130			
<b>LCS Dup (B131980-BSD1)</b>										
					Prepared: 10/01/15 Analyzed: 10/07/15					
Acetone	0.0953	0.057	mg/Kg wet	0.113		84.1	70-160	7.58	25	†
Acrylonitrile	0.00980	0.0057	mg/Kg wet	0.0113		86.5	70-130	2.81	25	
tert-Amyl Methyl Ether (TAME)	0.00979	0.00057	mg/Kg wet	0.0113		86.4	70-130	0.00	25	
Benzene	0.0109	0.0011	mg/Kg wet	0.0113		96.1	70-130	4.67	25	
Bromobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.4	70-130	2.51	25	
Bromochloromethane	0.0110	0.0011	mg/Kg wet	0.0113		96.7	70-130	0.619	25	
Bromodichloromethane	0.00993	0.0011	mg/Kg wet	0.0113		87.6	70-130	3.37	25	
Bromoform	0.00894	0.0011	mg/Kg wet	0.0113		78.9	70-130	0.758	25	
Bromomethane	0.0100	0.0023	mg/Kg wet	0.0113		88.3	40-130	6.55	25	†
2-Butanone (MEK)	0.0982	0.023	mg/Kg wet	0.113		86.7	70-160	4.41	25	†
tert-Butyl Alcohol (TBA)	0.0847	0.023	mg/Kg wet	0.113		74.7	40-130	3.10	25	†
n-Butylbenzene	0.0101	0.0011	mg/Kg wet	0.0113		89.0	70-130	2.11	25	
sec-Butylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.8	70-130	3.87	25	
tert-Butylbenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.9	70-160	4.83	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0102	0.00057	mg/Kg wet	0.0113		90.1	70-130	0.553	25	
Carbon Disulfide	0.0112	0.0034	mg/Kg wet	0.0113		98.9	70-130	10.4	25	
Carbon Tetrachloride	0.00937	0.0011	mg/Kg wet	0.0113		82.7	70-130	4.61	25	
Chlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.0	70-130	2.16	25	
Chlorodibromomethane	0.00960	0.00057	mg/Kg wet	0.0113		84.7	70-130	2.45	25	
Chloroethane	0.0108	0.0023	mg/Kg wet	0.0113		95.2	70-130	5.71	25	
Chloroform	0.0106	0.0023	mg/Kg wet	0.0113		93.6	70-130	7.41	25	
<b>Chloromethane</b>	0.00705	0.0023	mg/Kg wet	0.0113		<b>62.2</b>	* 70-130	4.25	25	L-04
2-Chlorotoluene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130	4.07	25	
4-Chlorotoluene	0.0110	0.0011	mg/Kg wet	0.0113		97.3	70-130	2.44	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0113	0.0057	mg/Kg wet	0.0113		99.4	70-130	1.93	25	
1,2-Dibromoethane (EDB)	0.0106	0.00057	mg/Kg wet	0.0113		93.2	70-130	0.748	25	
Dibromomethane	0.0104	0.0011	mg/Kg wet	0.0113		91.7	70-130	0.869	25	
1,2-Dichlorobenzene	0.0113	0.0011	mg/Kg wet	0.0113		99.8	70-130	1.89	25	
1,3-Dichlorobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.9	70-130	2.00	25	
1,4-Dichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.7	70-130	2.11	25	
<b>trans-1,4-Dichloro-2-butene</b>	0.00788	0.0023	mg/Kg wet	0.0113		<b>69.5</b>	* 70-130	2.98	25	L-07
<b>Dichlorodifluoromethane (Freon 12)</b>	0.00320	0.0023	mg/Kg wet	0.0113		<b>28.2</b>	* 40-160	15.1	25	L-04 †
1,1-Dichloroethane	0.0111	0.0011	mg/Kg wet	0.0113		97.8	70-130	5.76	25	
1,2-Dichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.2	70-130	1.24	25	
1,1-Dichloroethylene	0.0102	0.0011	mg/Kg wet	0.0113		89.9	70-130	8.93	25	
cis-1,2-Dichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		91.1	70-130	5.13	25	
trans-1,2-Dichloroethylene	0.0107	0.0011	mg/Kg wet	0.0113		94.3	70-130	5.06	25	
1,2-Dichloropropane	0.0109	0.0011	mg/Kg wet	0.0113		96.0	70-130	3.48	25	
1,3-Dichloropropane	0.0107	0.00057	mg/Kg wet	0.0113		94.1	70-130	1.69	25	
2,2-Dichloropropane	0.00794	0.0011	mg/Kg wet	0.0113		70.1	70-130	9.51	25	
1,1-Dichloropropene	0.0101	0.0023	mg/Kg wet	0.0113		88.9	70-130	6.32	25	
cis-1,3-Dichloropropene	0.0105	0.00057	mg/Kg wet	0.0113		92.3	70-130	4.14	25	
trans-1,3-Dichloropropene	0.0112	0.00057	mg/Kg wet	0.0113		99.0	70-130	1.50	25	
Diethyl Ether	0.0101	0.0023	mg/Kg wet	0.0113		89.4	70-130	0.673	25	
Diisopropyl Ether (DIPE)	0.0102	0.00057	mg/Kg wet	0.0113		89.8	70-130	2.20	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131980 - SW-846 5035

LCS Dup (B131980-BSD1)

Prepared: 10/01/15 Analyzed: 10/07/15

1,4-Dioxane	0.0933	0.057	mg/Kg wet	0.113		82.3	40-160	0.955	50	† ‡
Ethylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.4	70-130	3.59	25	
Hexachlorobutadiene	0.0107	0.0011	mg/Kg wet	0.0113		94.0	70-160	2.11	25	
2-Hexanone (MBK)	0.105	0.011	mg/Kg wet	0.113		92.6	70-160	2.96	25	†
Isopropylbenzene (Cumene)	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	2.26	25	
p-Isopropyltoluene (p-Cymene)	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130	3.36	25	
Methyl tert-Butyl Ether (MTBE)	0.00959	0.0011	mg/Kg wet	0.0113		84.6	70-130	0.118	25	
Methylene Chloride	0.0106	0.0057	mg/Kg wet	0.0113		93.6	40-160	3.36	25	†
4-Methyl-2-pentanone (MIBK)	0.0984	0.011	mg/Kg wet	0.113		86.9	70-160	0.517	25	†
<b>Naphthalene</b>	0.0169	0.0023	mg/Kg wet	0.0113		<b>149</b> *	40-130	0.809	25	L-06, V-06 †
n-Propylbenzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	3.67	25	
Styrene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130	2.85	25	
1,1,1,2-Tetrachloroethane	0.0110	0.0011	mg/Kg wet	0.0113		97.1	70-130	3.34	25	
1,1,2,2-Tetrachloroethane	0.0101	0.00057	mg/Kg wet	0.0113		89.0	70-130	12.9	25	
Tetrachloroethylene	0.0110	0.0011	mg/Kg wet	0.0113		96.7	70-130	5.92	25	
Tetrahydrofuran	0.0100	0.011	mg/Kg wet	0.0113		88.6	70-130	3.56	25	
Toluene	0.0109	0.0011	mg/Kg wet	0.0113		96.1	70-130	4.87	25	
1,2,3-Trichlorobenzene	0.0107	0.0057	mg/Kg wet	0.0113		94.3	70-130	2.47	25	
1,2,4-Trichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		95.9	70-130	1.26	25	
1,3,5-Trichlorobenzene	0.00988	0.0011	mg/Kg wet	0.0113		87.2	70-130	1.37	25	
1,1,1-Trichloroethane	0.0102	0.0011	mg/Kg wet	0.0113		90.2	70-130	4.76	25	
1,1,2-Trichloroethane	0.0105	0.0011	mg/Kg wet	0.0113		92.8	70-130	1.82	25	
Trichloroethylene	0.0103	0.0011	mg/Kg wet	0.0113		90.8	70-130	16.9	25	
Trichlorofluoromethane (Freon 11)	0.00984	0.0023	mg/Kg wet	0.0113		86.8	70-130	6.57	25	
1,2,3-Trichloropropane	0.0103	0.0023	mg/Kg wet	0.0113		91.2	70-130	2.11	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00975	0.0011	mg/Kg wet	0.0113		86.0	70-130	7.39	25	
1,2,4-Trimethylbenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.2	70-130	4.77	25	
1,3,5-Trimethylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.7	70-130	3.78	25	
Vinyl Chloride	0.00860	0.0023	mg/Kg wet	0.0113		75.9	40-130	5.13	25	†
m+p Xylene	0.0225	0.0023	mg/Kg wet	0.0227		99.2	70-130	3.95	25	
o-Xylene	0.0111	0.0011	mg/Kg wet	0.0113		98.2	70-130	3.30	25	
Surrogate: 1,2-Dichloroethane-d4	0.0284		mg/Kg wet	0.0283		100	70-130			
Surrogate: Toluene-d8	0.0287		mg/Kg wet	0.0283		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0291		mg/Kg wet	0.0283		103	70-130			

Batch B132192 - SW-846 5035

Blank (B132192-BLK1)

Prepared & Analyzed: 10/05/15

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B132192 - SW-846 5035

Blank (B132192-BLK1)

Prepared & Analyzed: 10/05/15

tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							L-04
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132192 - SW-846 5035</b>										
<b>Blank (B132192-BLK1)</b>										
Prepared & Analyzed: 10/05/15										
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0552		mg/Kg wet	0.0500		110	70-130			
Surrogate: Toluene-d8	0.0479		mg/Kg wet	0.0500		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.0481		mg/Kg wet	0.0500		96.2	70-130			
<b>LCS (B132192-BS1)</b>										
Prepared & Analyzed: 10/05/15										
Acetone	0.169	0.10	mg/Kg wet	0.200		84.5	70-160			†
Acrylonitrile	0.0182	0.0060	mg/Kg wet	0.0200		91.1	70-130			
tert-Amyl Methyl Ether (TAME)	0.0174	0.0010	mg/Kg wet	0.0200		87.1	70-130			
Benzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130			
Bromobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Bromochloromethane	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130			
Bromodichloromethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
Bromoform	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130			
Bromomethane	0.00954	0.010	mg/Kg wet	0.0200		47.7	40-130			†
2-Butanone (MEK)	0.178	0.040	mg/Kg wet	0.200		89.1	70-160			†
tert-Butyl Alcohol (TBA)	0.189	0.040	mg/Kg wet	0.200		94.4	40-130			†
n-Butylbenzene	0.0211	0.0040	mg/Kg wet	0.0200		106	70-130			
sec-Butylbenzene	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130			
tert-Butylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0183	0.0010	mg/Kg wet	0.0200		91.7	70-130			
Carbon Disulfide	0.0203	0.020	mg/Kg wet	0.0200		101	70-130			
Carbon Tetrachloride	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
Chlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
Chlorodibromomethane	0.0188	0.0010	mg/Kg wet	0.0200		94.2	70-130			
Chloroethane	0.0162	0.020	mg/Kg wet	0.0200		80.9	70-130			
Chloroform	0.0210	0.0040	mg/Kg wet	0.0200		105	70-130			
<b>Chloromethane</b>	0.0126	0.010	mg/Kg wet	0.0200		<b>63.1</b>	* 70-130			L-04
2-Chlorotoluene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
4-Chlorotoluene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130			
1,2-Dibromoethane (EDB)	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130			
Dibromomethane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
1,3-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,4-Dichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
trans-1,4-Dichloro-2-butene	0.0174	0.0040	mg/Kg wet	0.0200		86.8	70-130			
Dichlorodifluoromethane (Freon 12)	0.00862	0.020	mg/Kg wet	0.0200		43.1	40-160			†
1,1-Dichloroethane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
1,2-Dichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,1-Dichloroethylene	0.0190	0.0040	mg/Kg wet	0.0200		94.8	70-130			
cis-1,2-Dichloroethylene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
trans-1,2-Dichloroethylene	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132192 - SW-846 5035</b>										
<b>LCS (B132192-BS1)</b>										
Prepared & Analyzed: 10/05/15										
1,2-Dichloropropane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,3-Dichloropropane	0.0195	0.0010	mg/Kg wet	0.0200		97.5	70-130			
2,2-Dichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130			
1,1-Dichloropropene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130			
cis-1,3-Dichloropropene	0.0179	0.0010	mg/Kg wet	0.0200		89.3	70-130			
trans-1,3-Dichloropropene	0.0189	0.0010	mg/Kg wet	0.0200		94.7	70-130			
Diethyl Ether	0.0174	0.020	mg/Kg wet	0.0200		86.9	70-130			
Diisopropyl Ether (DIPE)	0.0192	0.0010	mg/Kg wet	0.0200		95.8	70-130			
1,4-Dioxane	0.161	0.10	mg/Kg wet	0.200		80.7	40-160			†
Ethylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
Hexachlorobutadiene	0.0213	0.0020	mg/Kg wet	0.0200		106	70-160			
2-Hexanone (MBK)	0.188	0.020	mg/Kg wet	0.200		93.8	70-160			†
Isopropylbenzene (Cumene)	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
p-Isopropyltoluene (p-Cymene)	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0183	0.0040	mg/Kg wet	0.0200		91.3	70-130			
Methylene Chloride	0.0199	0.020	mg/Kg wet	0.0200		99.6	40-160			†
4-Methyl-2-pentanone (MIBK)	0.190	0.020	mg/Kg wet	0.200		95.2	70-160			†
Naphthalene	0.0208	0.0040	mg/Kg wet	0.0200		104	40-130			†
n-Propylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130			
Styrene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1,1,2-Tetrachloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1,2,2-Tetrachloroethane	0.0211	0.0010	mg/Kg wet	0.0200		106	70-130			
Tetrachloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130			
Tetrahydrofuran	0.0182	0.010	mg/Kg wet	0.0200		91.2	70-130			
Toluene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2,3-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130			
1,2,4-Trichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130			
1,3,5-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130			
1,1,1-Trichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
1,1,2-Trichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Trichloroethylene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
Trichlorofluoromethane (Freon 11)	0.0195	0.010	mg/Kg wet	0.0200		97.4	70-130			
1,2,3-Trichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0188	0.010	mg/Kg wet	0.0200		93.9	70-130			
1,2,4-Trimethylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,3,5-Trimethylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130			
Vinyl Chloride	0.0139	0.010	mg/Kg wet	0.0200		69.6	40-130			†
m+p Xylene	0.0441	0.0040	mg/Kg wet	0.0400		110	70-130			
o-Xylene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0536		mg/Kg wet	0.0500		107	70-130			
Surrogate: Toluene-d8	0.0492		mg/Kg wet	0.0500		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.0506		mg/Kg wet	0.0500		101	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132192 - SW-846 5035</b>										
<b>LCS Dup (B132192-BSD1)</b>										
Prepared & Analyzed: 10/05/15										
Acetone	0.197	0.10	mg/Kg wet	0.200		98.6	70-160	15.3	25	†
Acrylonitrile	0.0186	0.0060	mg/Kg wet	0.0200		93.2	70-130	2.28	25	
tert-Amyl Methyl Ether (TAME)	0.0162	0.0010	mg/Kg wet	0.0200		81.0	70-130	7.26	25	
Benzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	4.32	25	
Bromobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	5.12	25	
Bromochloromethane	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	1.36	25	
Bromodichloromethane	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130	3.98	25	
Bromoform	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130	8.79	25	
Bromomethane	0.0103	0.010	mg/Kg wet	0.0200		51.5	40-130	7.66	25	†
2-Butanone (MEK)	0.187	0.040	mg/Kg wet	0.200		93.5	70-160	4.82	25	†
tert-Butyl Alcohol (TBA)	0.172	0.040	mg/Kg wet	0.200		85.9	40-130	9.41	25	†
n-Butylbenzene	0.0208	0.0040	mg/Kg wet	0.0200		104	70-130	1.72	25	
sec-Butylbenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	4.27	25	
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-160	3.53	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0176	0.0010	mg/Kg wet	0.0200		88.1	70-130	4.00	25	
Carbon Disulfide	0.0181	0.020	mg/Kg wet	0.0200		90.7	70-130	11.1	25	
Carbon Tetrachloride	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130	3.29	25	
Chlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	3.08	25	
Chlorodibromomethane	0.0180	0.0010	mg/Kg wet	0.0200		89.9	70-130	4.67	25	
Chloroethane	0.0160	0.020	mg/Kg wet	0.0200		79.8	70-130	1.37	25	
Chloroform	0.0207	0.0040	mg/Kg wet	0.0200		104	70-130	1.63	25	
<b>Chloromethane</b>	0.0123	0.010	mg/Kg wet	0.0200		<b>61.6</b>	* 70-130	2.41	25	L-04
2-Chlorotoluene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.46	25	
4-Chlorotoluene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	2.41	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0179	0.0020	mg/Kg wet	0.0200		89.6	70-130	8.24	25	
1,2-Dibromoethane (EDB)	0.0201	0.0010	mg/Kg wet	0.0200		100	70-130	6.64	25	
Dibromomethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	2.62	25	
1,2-Dichlorobenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130	4.24	25	
1,3-Dichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	3.43	25	
1,4-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	1.70	25	
trans-1,4-Dichloro-2-butene	0.0176	0.0040	mg/Kg wet	0.0200		88.1	70-130	1.49	25	
Dichlorodifluoromethane (Freon 12)	0.00818	0.020	mg/Kg wet	0.0200		40.9	40-160	5.24	25	†
1,1-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	4.99	25	
1,2-Dichloroethane	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	4.09	25	
1,1-Dichloroethylene	0.0182	0.0040	mg/Kg wet	0.0200		90.8	70-130	4.31	25	
cis-1,2-Dichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.6	70-130	2.73	25	
trans-1,2-Dichloroethylene	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130	5.50	25	
1,2-Dichloropropane	0.0198	0.0020	mg/Kg wet	0.0200		99.2	70-130	7.38	25	
1,3-Dichloropropane	0.0188	0.0010	mg/Kg wet	0.0200		94.2	70-130	3.44	25	
2,2-Dichloropropane	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130	3.34	25	
1,1-Dichloropropene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.27	25	
cis-1,3-Dichloropropene	0.0174	0.0010	mg/Kg wet	0.0200		86.8	70-130	2.84	25	
trans-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		92.0	70-130	2.89	25	
Diethyl Ether	0.0148	0.020	mg/Kg wet	0.0200		74.0	70-130	16.0	25	
Diisopropyl Ether (DIPE)	0.0182	0.0010	mg/Kg wet	0.0200		90.8	70-130	5.36	25	
1,4-Dioxane	0.178	0.10	mg/Kg wet	0.200		88.8	40-160	9.53	50	† ‡
Ethylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	4.43	25	
Hexachlorobutadiene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-160	6.31	25	
2-Hexanone (MBK)	0.189	0.020	mg/Kg wet	0.200		94.6	70-160	0.955	25	†
Isopropylbenzene (Cumene)	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	3.84	25	
p-Isopropyltoluene (p-Cymene)	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	3.09	25	
Methyl tert-Butyl Ether (MTBE)	0.0175	0.0040	mg/Kg wet	0.0200		87.3	70-130	4.48	25	

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**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132192 - SW-846 5035**

**LCS Dup (B132192-BSD1)**

Prepared & Analyzed: 10/05/15

Methylene Chloride	0.0218	0.020	mg/Kg wet	0.0200		109	40-160	9.20	25	†
4-Methyl-2-pentanone (MIBK)	0.179	0.020	mg/Kg wet	0.200		89.4	70-160	6.29	25	†
Naphthalene	0.0189	0.0040	mg/Kg wet	0.0200		94.3	40-130	9.69	25	†
n-Propylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130	2.74	25	
Styrene	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	4.75	25	
1,1,1,2-Tetrachloroethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	7.68	25	
1,1,2,2-Tetrachloroethane	0.0198	0.0010	mg/Kg wet	0.0200		98.9	70-130	6.55	25	
Tetrachloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130	1.14	25	
Tetrahydrofuran	0.0183	0.010	mg/Kg wet	0.0200		91.4	70-130	0.219	25	
Toluene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	2.36	25	
1,2,3-Trichlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130	6.79	25	
1,2,4-Trichlorobenzene	0.0174	0.0020	mg/Kg wet	0.0200		87.0	70-130	4.38	25	
1,3,5-Trichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130	0.332	25	
1,1,1-Trichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	5.58	25	
1,1,2-Trichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130	6.83	25	
Trichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130	4.06	25	
Trichlorofluoromethane (Freon 11)	0.0189	0.010	mg/Kg wet	0.0200		94.4	70-130	3.13	25	
1,2,3-Trichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130	9.31	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0168	0.010	mg/Kg wet	0.0200		84.1	70-130	11.0	25	
1,2,4-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	5.35	25	
1,3,5-Trimethylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130	3.10	25	
Vinyl Chloride	0.0135	0.010	mg/Kg wet	0.0200		67.4	40-130	3.21	25	†
m+p Xylene	0.0423	0.0040	mg/Kg wet	0.0400		106	70-130	4.26	25	
o-Xylene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	2.43	25	
Surrogate: 1,2-Dichloroethane-d4	0.0528		mg/Kg wet	0.0500		106	70-130			
Surrogate: Toluene-d8	0.0495		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0509		mg/Kg wet	0.0500		102	70-130			

**Batch B132241 - SW-846 5035**

**Blank (B132241-BLK1)**

Prepared & Analyzed: 10/06/15

Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0040	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132241 - SW-846 5035**

**Blank (B132241-BLK1)**

Prepared & Analyzed: 10/06/15

Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132241 - SW-846 5035</b>										
<b>Blank (B132241-BLK1)</b>										
Prepared & Analyzed: 10/06/15										
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0556		mg/Kg wet	0.0500		111	70-130			
Surrogate: Toluene-d8	0.0487		mg/Kg wet	0.0500		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.0480		mg/Kg wet	0.0500		95.9	70-130			
<b>LCS (B132241-BS1)</b>										
Prepared & Analyzed: 10/06/15										
Acetone	0.206	0.10	mg/Kg wet	0.200		103	70-160			†
Acrylonitrile	0.0201	0.0060	mg/Kg wet	0.0200		100	70-130			
tert-Amyl Methyl Ether (TAME)	0.0169	0.0010	mg/Kg wet	0.0200		84.7	70-130			
Benzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
Bromobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Bromochloromethane	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130			
Bromodichloromethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
Bromoform	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130			
Bromomethane	0.0111	0.010	mg/Kg wet	0.0200		55.6	40-130			†
2-Butanone (MEK)	0.191	0.040	mg/Kg wet	0.200		95.5	70-160			†
tert-Butyl Alcohol (TBA)	0.155	0.040	mg/Kg wet	0.200		77.7	40-130			†
n-Butylbenzene	0.0223	0.0040	mg/Kg wet	0.0200		112	70-130			
sec-Butylbenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130			
tert-Butylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0184	0.0010	mg/Kg wet	0.0200		92.1	70-130			
Carbon Disulfide	0.0197	0.020	mg/Kg wet	0.0200		98.3	70-130			V-20
Carbon Tetrachloride	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Chlorobenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Chlorodibromomethane	0.0187	0.0010	mg/Kg wet	0.0200		93.3	70-130			
Chloroethane	0.0169	0.020	mg/Kg wet	0.0200		84.6	70-130			
Chloroform	0.0220	0.0040	mg/Kg wet	0.0200		110	70-130			
<b>Chloromethane</b>	0.0132	0.010	mg/Kg wet	0.0200		<b>66.2</b>	* 70-130			L-07
2-Chlorotoluene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
4-Chlorotoluene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0181	0.0020	mg/Kg wet	0.0200		90.6	70-130			
1,2-Dibromoethane (EDB)	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130			
Dibromomethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2-Dichlorobenzene	0.0217	0.0020	mg/Kg wet	0.0200		109	70-130			
1,3-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,4-Dichlorobenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
trans-1,4-Dichloro-2-butene	0.0182	0.0040	mg/Kg wet	0.0200		91.1	70-130			
Dichlorodifluoromethane (Freon 12)	0.00842	0.020	mg/Kg wet	0.0200		42.1	40-160			†
1,1-Dichloroethane	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2-Dichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1-Dichloroethylene	0.0200	0.0040	mg/Kg wet	0.0200		99.9	70-130			
cis-1,2-Dichloroethylene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
trans-1,2-Dichloroethylene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,2-Dichloropropane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,3-Dichloropropane	0.0198	0.0010	mg/Kg wet	0.0200		99.0	70-130			
2,2-Dichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130			
1,1-Dichloropropene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
cis-1,3-Dichloropropene	0.0181	0.0010	mg/Kg wet	0.0200		90.4	70-130			
trans-1,3-Dichloropropene	0.0185	0.0010	mg/Kg wet	0.0200		92.7	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B132241 - SW-846 5035

LCS (B132241-BS1)

Prepared & Analyzed: 10/06/15

Diethyl Ether	0.0167	0.020	mg/Kg wet	0.0200		83.7	70-130			
Diisopropyl Ether (DIPE)	0.0196	0.0010	mg/Kg wet	0.0200		98.2	70-130			
1,4-Dioxane	0.163	0.10	mg/Kg wet	0.200		81.6	40-160			†
Ethylbenzene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130			
Hexachlorobutadiene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-160			
2-Hexanone (MBK)	0.190	0.020	mg/Kg wet	0.200		95.0	70-160			†
Isopropylbenzene (Cumene)	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130			
p-Isopropyltoluene (p-Cymene)	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0181	0.0040	mg/Kg wet	0.0200		90.4	70-130			
Methylene Chloride	0.0203	0.020	mg/Kg wet	0.0200		101	40-160			†
4-Methyl-2-pentanone (MIBK)	0.186	0.020	mg/Kg wet	0.200		92.9	70-160			†
Naphthalene	0.0176	0.0040	mg/Kg wet	0.0200		87.9	40-130			†
n-Propylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130			
Styrene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,1,1,2-Tetrachloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,1,2,2-Tetrachloroethane	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130			
Tetrachloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
Tetrahydrofuran	0.0199	0.010	mg/Kg wet	0.0200		99.6	70-130			
Toluene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
1,2,3-Trichlorobenzene	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130			
1,2,4-Trichlorobenzene	0.0177	0.0020	mg/Kg wet	0.0200		88.7	70-130			
1,3,5-Trichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130			
1,1,1-Trichloroethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,1,2-Trichloroethane	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
Trichloroethylene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130			
Trichlorofluoromethane (Freon 11)	0.0203	0.010	mg/Kg wet	0.0200		101	70-130			
1,2,3-Trichloropropane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0190	0.010	mg/Kg wet	0.0200		95.2	70-130			
1,2,4-Trimethylbenzene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
1,3,5-Trimethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
Vinyl Chloride	0.0141	0.010	mg/Kg wet	0.0200		70.4	40-130			†
m+p Xylene	0.0465	0.0040	mg/Kg wet	0.0400		116	70-130			
o-Xylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0528		mg/Kg wet	0.0500		106	70-130			
Surrogate: Toluene-d8	0.0494		mg/Kg wet	0.0500		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.0512		mg/Kg wet	0.0500		102	70-130			

LCS Dup (B132241-BSD1)

Prepared & Analyzed: 10/06/15

Acetone	0.212	0.10	mg/Kg wet	0.200		106	70-160	2.63	25	†
Acrylonitrile	0.0207	0.0060	mg/Kg wet	0.0200		103	70-130	2.85	25	
tert-Amyl Methyl Ether (TAME)	0.0178	0.0010	mg/Kg wet	0.0200		89.1	70-130	5.06	25	
Benzene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	3.13	25	
Bromobenzene	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	4.23	25	
Bromochloromethane	0.0257	0.0020	mg/Kg wet	0.0200		129	70-130	7.67	25	
Bromodichloromethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	4.81	25	
Bromoform	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130	4.22	25	
Bromomethane	0.0114	0.010	mg/Kg wet	0.0200		56.8	40-130	2.14	25	†
2-Butanone (MEK)	0.198	0.040	mg/Kg wet	0.200		99.2	70-160	3.79	25	†
tert-Butyl Alcohol (TBA)	0.179	0.040	mg/Kg wet	0.200		89.3	40-130	13.9	25	†
n-Butylbenzene	0.0235	0.0040	mg/Kg wet	0.0200		118	70-130	5.33	25	
sec-Butylbenzene	0.0255	0.0020	mg/Kg wet	0.0200		128	70-130	5.97	25	
tert-Butylbenzene	0.0241	0.0020	mg/Kg wet	0.0200		120	70-160	5.64	25	†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132241 - SW-846 5035</b>										
<b>LCS Dup (B132241-BSD1)</b>										
Prepared & Analyzed: 10/06/15										
tert-Butyl Ethyl Ether (TBEE)	0.0189	0.0010	mg/Kg wet	0.0200		94.4	70-130	2.47	25	
Carbon Disulfide	0.0224	0.020	mg/Kg wet	0.0200		112	70-130	13.0	25	V-20
Carbon Tetrachloride	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	0.915	25	
Chlorobenzene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	6.46	25	
Chlorodibromomethane	0.0195	0.0010	mg/Kg wet	0.0200		97.6	70-130	4.50	25	
Chloroethane	0.0163	0.020	mg/Kg wet	0.0200		81.7	70-130	3.49	25	
Chloroform	0.0233	0.0040	mg/Kg wet	0.0200		117	70-130	5.64	25	
Chloromethane	0.0141	0.010	mg/Kg wet	0.0200		70.7	70-130	6.57	25	
2-Chlorotoluene	0.0247	0.0020	mg/Kg wet	0.0200		124	70-130	4.64	25	
4-Chlorotoluene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	4.63	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130	6.51	25	
1,2-Dibromoethane (EDB)	0.0229	0.0010	mg/Kg wet	0.0200		114	70-130	9.42	25	
Dibromomethane	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	5.74	25	
1,2-Dichlorobenzene	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130	5.20	25	
1,3-Dichlorobenzene	0.0233	0.0020	mg/Kg wet	0.0200		116	70-130	6.21	25	
1,4-Dichlorobenzene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	4.07	25	
trans-1,4-Dichloro-2-butene	0.0185	0.0040	mg/Kg wet	0.0200		92.6	70-130	1.63	25	
Dichlorodifluoromethane (Freon 12)	0.00890	0.020	mg/Kg wet	0.0200		44.5	40-160	5.54	25	†
1,1-Dichloroethane	0.0232	0.0020	mg/Kg wet	0.0200		116	70-130	4.86	25	
1,2-Dichloroethane	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130	9.79	25	
1,1-Dichloroethylene	0.0217	0.0040	mg/Kg wet	0.0200		109	70-130	8.44	25	
cis-1,2-Dichloroethylene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	6.48	25	
trans-1,2-Dichloroethylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130	5.60	25	
1,2-Dichloropropane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	5.01	25	
1,3-Dichloropropane	0.0213	0.0010	mg/Kg wet	0.0200		106	70-130	7.21	25	
2,2-Dichloropropane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130	5.23	25	
1,1-Dichloropropene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	6.14	25	
cis-1,3-Dichloropropene	0.0187	0.0010	mg/Kg wet	0.0200		93.5	70-130	3.37	25	
trans-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.3	70-130	6.87	25	
Diethyl Ether	0.0183	0.020	mg/Kg wet	0.0200		91.6	70-130	9.01	25	
Diisopropyl Ether (DIPE)	0.0204	0.0010	mg/Kg wet	0.0200		102	70-130	3.60	25	
1,4-Dioxane	0.169	0.10	mg/Kg wet	0.200		84.3	40-160	3.30	50	† ‡
Ethylbenzene	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	6.38	25	
Hexachlorobutadiene	0.0235	0.0020	mg/Kg wet	0.0200		117	70-160	6.06	25	
2-Hexanone (MBK)	0.201	0.020	mg/Kg wet	0.200		101	70-160	5.85	25	†
Isopropylbenzene (Cumene)	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	5.65	25	
p-Isopropyltoluene (p-Cymene)	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130	4.15	25	
Methyl tert-Butyl Ether (MTBE)	0.0190	0.0040	mg/Kg wet	0.0200		94.8	70-130	4.75	25	
Methylene Chloride	0.0216	0.020	mg/Kg wet	0.0200		108	40-160	6.21	25	†
4-Methyl-2-pentanone (MIBK)	0.197	0.020	mg/Kg wet	0.200		98.3	70-160	5.60	25	†
Naphthalene	0.0191	0.0040	mg/Kg wet	0.0200		95.6	40-130	8.39	25	†
n-Propylbenzene	0.0258	0.0020	mg/Kg wet	0.0200		129	70-130	5.41	25	
Styrene	0.0237	0.0020	mg/Kg wet	0.0200		119	70-130	5.72	25	
1,1,1,2-Tetrachloroethane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	4.44	25	
1,1,2,2-Tetrachloroethane	0.0226	0.0010	mg/Kg wet	0.0200		113	70-130	2.60	25	
Tetrachloroethylene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130	4.15	25	
Tetrahydrofuran	0.0219	0.010	mg/Kg wet	0.0200		110	70-130	9.56	25	
Toluene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	6.69	25	
1,2,3-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130	8.69	25	
1,2,4-Trichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130	3.00	25	
1,3,5-Trichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	9.03	25	
1,1,1-Trichloroethane	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130	4.89	25	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132241 - SW-846 5035</b>										
<b>LCS Dup (B132241-BSD1)</b>										
Prepared & Analyzed: 10/06/15										
1,1,2-Trichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	7.23	25	
Trichloroethylene	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130	6.16	25	
Trichlorofluoromethane (Freon 11)	0.0215	0.010	mg/Kg wet	0.0200		108	70-130	6.03	25	
1,2,3-Trichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	5.31	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0206	0.010	mg/Kg wet	0.0200		103	70-130	8.06	25	
1,2,4-Trimethylbenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130	5.30	25	
1,3,5-Trimethylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	3.00	25	
Vinyl Chloride	0.0155	0.010	mg/Kg wet	0.0200		77.6	40-130	9.73	25	†
m+p Xylene	0.0489	0.0040	mg/Kg wet	0.0400		122	70-130	4.99	25	
o-Xylene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	5.25	25	
Surrogate: 1,2-Dichloroethane-d4	0.0525		mg/Kg wet	0.0500		105	70-130			
Surrogate: Toluene-d8	0.0494		mg/Kg wet	0.0500		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.0517		mg/Kg wet	0.0500		103	70-130			

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**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131923 - SW-846 3546**

**Blank (B131923-BLK1)**

Prepared: 10/01/15 Analyzed: 10/02/15

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							V-05
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131923 - SW-846 3546

Blank (B131923-BLK1)

Prepared: 10/01/15 Analyzed: 10/02/15

2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							V-05
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	5.11		mg/Kg wet	6.67		76.6	30-130			
Surrogate: Phenol-d6	4.97		mg/Kg wet	6.67		74.5	30-130			
Surrogate: Nitrobenzene-d5	2.26		mg/Kg wet	3.33		67.9	30-130			
Surrogate: 2-Fluorobiphenyl	2.74		mg/Kg wet	3.33		82.2	30-130			
Surrogate: 2,4,6-Tribromophenol	5.18		mg/Kg wet	6.67		77.6	30-130			
Surrogate: p-Terphenyl-d14	3.20		mg/Kg wet	3.33		95.9	30-130			

LCS (B131923-BS1)

Prepared: 10/01/15 Analyzed: 10/02/15

Acenaphthene	1.50	0.17	mg/Kg wet	1.67		89.7	40-140			
Acenaphthylene	1.43	0.17	mg/Kg wet	1.67		85.5	40-140			
Acetophenone	1.24	0.34	mg/Kg wet	1.67		74.4	40-140			
Aniline	0.816	0.34	mg/Kg wet	1.67		49.0	10-140			V-05 †
Anthracene	1.43	0.17	mg/Kg wet	1.67		85.7	40-140			
Benzidine	1.14	0.66	mg/Kg wet	1.67		68.6	40-140			V-04, V-05
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		89.9	40-140			
Benzo(a)pyrene	1.49	0.17	mg/Kg wet	1.67		89.5	40-140			
Benzo(b)fluoranthene	1.44	0.17	mg/Kg wet	1.67		86.2	40-140			
Benzo(g,h,i)perylene	1.40	0.17	mg/Kg wet	1.67		84.2	40-140			
Benzo(k)fluoranthene	1.44	0.17	mg/Kg wet	1.67		86.4	40-140			
Benzoic Acid	0.607	1.0	mg/Kg wet	1.67		36.4	30-130			
Bis(2-chloroethoxy)methane	1.39	0.34	mg/Kg wet	1.67		83.6	40-140			
Bis(2-chloroethyl)ether	1.45	0.34	mg/Kg wet	1.67		86.8	40-140			
Bis(2-chloroisopropyl)ether	1.25	0.34	mg/Kg wet	1.67		74.8	40-140			
Bis(2-Ethylhexyl)phthalate	1.75	0.34	mg/Kg wet	1.67		105	40-140			
4-Bromophenylphenylether	1.63	0.34	mg/Kg wet	1.67		98.0	40-140			
Butylbenzylphthalate	1.61	0.34	mg/Kg wet	1.67		96.6	40-140			
Carbazole	1.38	0.17	mg/Kg wet	1.67		82.5	40-140			
4-Chloroaniline	0.875	0.66	mg/Kg wet	1.67		52.5	10-140			†
4-Chloro-3-methylphenol	1.43	0.66	mg/Kg wet	1.67		85.8	30-130			
2-Chloronaphthalene	1.46	0.34	mg/Kg wet	1.67		87.7	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131923 - SW-846 3546</b>										
<b>LCS (B131923-BS1)</b>										
					Prepared: 10/01/15 Analyzed: 10/02/15					
2-Chlorophenol	1.46	0.34	mg/Kg wet	1.67		87.5	30-130			
4-Chlorophenylphenylether	1.56	0.34	mg/Kg wet	1.67		93.4	40-140			
Chrysene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140			
Dibenz(a,h)anthracene	1.51	0.17	mg/Kg wet	1.67		90.9	40-140			
Dibenzofuran	1.46	0.34	mg/Kg wet	1.67		87.8	40-140			
Di-n-butylphthalate	1.47	0.34	mg/Kg wet	1.67		87.9	40-140			
1,2-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.8	40-140			
1,3-Dichlorobenzene	1.26	0.34	mg/Kg wet	1.67		75.6	40-140			
1,4-Dichlorobenzene	1.26	0.34	mg/Kg wet	1.67		75.4	40-140			
3,3-Dichlorobenzidine	1.13	0.17	mg/Kg wet	1.67		68.0	20-140			†
2,4-Dichlorophenol	1.47	0.34	mg/Kg wet	1.67		88.4	30-130			
Diethylphthalate	1.54	0.34	mg/Kg wet	1.67		92.2	40-140			
2,4-Dimethylphenol	1.52	0.34	mg/Kg wet	1.67		91.5	30-130			
Dimethylphthalate	1.56	0.34	mg/Kg wet	1.67		93.8	40-140			
4,6-Dinitro-2-methylphenol	1.07	0.34	mg/Kg wet	1.67		64.4	30-130			
<b>2,4-Dinitrophenol</b>	0.480	0.66	mg/Kg wet	1.67		<b>28.8</b>	* 30-130			L-07
2,4-Dinitrotoluene	1.45	0.34	mg/Kg wet	1.67		87.3	40-140			
2,6-Dinitrotoluene	1.61	0.34	mg/Kg wet	1.67		96.7	40-140			
Di-n-octylphthalate	1.76	0.34	mg/Kg wet	1.67		106	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.36	0.34	mg/Kg wet	1.67		81.3	40-140			
Fluoranthene	1.36	0.17	mg/Kg wet	1.67		81.5	40-140			
Fluorene	1.48	0.17	mg/Kg wet	1.67		88.7	40-140			
Hexachlorobenzene	1.48	0.34	mg/Kg wet	1.67		88.5	40-140			
Hexachlorobutadiene	1.39	0.34	mg/Kg wet	1.67		83.4	40-140			
Hexachlorocyclopentadiene	1.19	0.34	mg/Kg wet	1.67		71.1	40-140			
Hexachloroethane	1.32	0.34	mg/Kg wet	1.67		79.4	40-140			
Indeno(1,2,3-cd)pyrene	1.45	0.17	mg/Kg wet	1.67		87.3	40-140			
Isophorone	1.39	0.34	mg/Kg wet	1.67		83.4	40-140			
1-Methylnaphthalene	1.28	0.17	mg/Kg wet	1.67		76.6	40-140			
2-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.5	40-140			
2-Methylphenol	1.36	0.34	mg/Kg wet	1.67		81.6	30-130			
3/4-Methylphenol	1.34	0.34	mg/Kg wet	1.67		80.4	30-130			
Naphthalene	1.33	0.17	mg/Kg wet	1.67		79.7	40-140			
2-Nitroaniline	1.37	0.34	mg/Kg wet	1.67		82.0	40-140			
3-Nitroaniline	1.30	0.34	mg/Kg wet	1.67		78.0	30-140			†
4-Nitroaniline	1.43	0.34	mg/Kg wet	1.67		85.8	40-140			
Nitrobenzene	1.27	0.34	mg/Kg wet	1.67		76.0	40-140			
2-Nitrophenol	1.44	0.34	mg/Kg wet	1.67		86.4	30-130			
4-Nitrophenol	1.21	0.66	mg/Kg wet	1.67		72.8	30-130			
N-Nitrosodimethylamine	1.08	0.34	mg/Kg wet	1.67		64.5	40-140			
N-Nitrosodiphenylamine	1.79	0.34	mg/Kg wet	1.67		107	40-140			
N-Nitrosodi-n-propylamine	1.27	0.34	mg/Kg wet	1.67		76.2	40-140			
Pentachloronitrobenzene	1.35	0.34	mg/Kg wet	1.67		81.1	40-140			V-16
Pentachlorophenol	0.877	0.34	mg/Kg wet	1.67		52.6	30-130			V-05
Phenanthrene	1.46	0.17	mg/Kg wet	1.67		87.6	40-140			
Phenol	1.36	0.34	mg/Kg wet	1.67		81.6	30-130			
Pyrene	1.45	0.17	mg/Kg wet	1.67		86.7	40-140			
Pyridine	0.882	0.34	mg/Kg wet	1.67		52.9	30-140			†
1,2,4,5-Tetrachlorobenzene	1.39	0.34	mg/Kg wet	1.67		83.4	40-140			
1,2,4-Trichlorobenzene	1.38	0.34	mg/Kg wet	1.67		83.1	40-140			
2,4,5-Trichlorophenol	1.58	0.34	mg/Kg wet	1.67		95.1	30-130			
2,4,6-Trichlorophenol	1.55	0.34	mg/Kg wet	1.67		92.9	30-130			

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131923 - SW-846 3546

LCS (B131923-BS1)

Prepared: 10/01/15 Analyzed: 10/02/15

Surrogate: 2-Fluorophenol	6.16		mg/Kg wet	6.67		92.4	30-130			
Surrogate: Phenol-d6	5.96		mg/Kg wet	6.67		89.4	30-130			
Surrogate: Nitrobenzene-d5	2.74		mg/Kg wet	3.33		82.3	30-130			
Surrogate: 2-Fluorobiphenyl	3.30		mg/Kg wet	3.33		99.0	30-130			
Surrogate: 2,4,6-Tribromophenol	7.11		mg/Kg wet	6.67		107	30-130			
Surrogate: p-Terphenyl-d14	3.35		mg/Kg wet	3.33		100	30-130			

LCS Dup (B131923-BSD1)

Prepared: 10/01/15 Analyzed: 10/02/15

Acenaphthene	1.50	0.17	mg/Kg wet	1.67		90.1	40-140	0.445	30	
Acenaphthylene	1.47	0.17	mg/Kg wet	1.67		88.0	40-140	2.86	30	
Acetophenone	1.30	0.34	mg/Kg wet	1.67		78.0	40-140	4.75	30	
Aniline	0.900	0.34	mg/Kg wet	1.67		54.0	10-140	9.83	50	V-05 † ‡
Anthracene	1.47	0.17	mg/Kg wet	1.67		88.2	40-140	2.92	30	
Benzidine	1.33	0.66	mg/Kg wet	1.67		79.9	40-140	15.2	30	V-04, V-05
Benzo(a)anthracene	1.53	0.17	mg/Kg wet	1.67		92.1	40-140	2.40	30	
Benzo(a)pyrene	1.52	0.17	mg/Kg wet	1.67		91.1	40-140	1.75	30	
Benzo(b)fluoranthene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140	0.279	30	
Benzo(g,h,i)perylene	1.41	0.17	mg/Kg wet	1.67		84.6	40-140	0.498	30	
Benzo(k)fluoranthene	1.41	0.17	mg/Kg wet	1.67		84.3	40-140	2.44	30	
Benzoic Acid	0.617	1.0	mg/Kg wet	1.67		37.0	30-130	1.69	50	‡
Bis(2-chloroethoxy)methane	1.41	0.34	mg/Kg wet	1.67		84.5	40-140	1.09	30	
Bis(2-chloroethyl)ether	1.51	0.34	mg/Kg wet	1.67		90.9	40-140	4.55	30	
Bis(2-chloroisopropyl)ether	1.28	0.34	mg/Kg wet	1.67		77.0	40-140	2.92	30	
Bis(2-Ethylhexyl)phthalate	1.80	0.34	mg/Kg wet	1.67		108	40-140	2.89	30	
4-Bromophenylphenylether	1.66	0.34	mg/Kg wet	1.67		99.4	40-140	1.44	30	
Butylbenzylphthalate	1.66	0.34	mg/Kg wet	1.67		99.7	40-140	3.16	30	
Carbazole	1.41	0.17	mg/Kg wet	1.67		84.7	40-140	2.65	30	
4-Chloroaniline	0.975	0.66	mg/Kg wet	1.67		58.5	10-140	10.8	30	†
4-Chloro-3-methylphenol	1.45	0.66	mg/Kg wet	1.67		86.8	30-130	1.11	30	
2-Chloronaphthalene	1.36	0.34	mg/Kg wet	1.67		81.5	40-140	7.35	30	
2-Chlorophenol	1.51	0.34	mg/Kg wet	1.67		90.5	30-130	3.37	30	
4-Chlorophenylphenylether	1.56	0.34	mg/Kg wet	1.67		93.8	40-140	0.449	30	
Chrysene	1.45	0.17	mg/Kg wet	1.67		86.9	40-140	3.54	30	
Dibenz(a,h)anthracene	1.50	0.17	mg/Kg wet	1.67		89.9	40-140	1.11	30	
Dibenzofuran	1.47	0.34	mg/Kg wet	1.67		88.5	40-140	0.794	30	
Di-n-butylphthalate	1.49	0.34	mg/Kg wet	1.67		89.5	40-140	1.71	30	
1,2-Dichlorobenzene	1.37	0.34	mg/Kg wet	1.67		82.1	40-140	4.13	30	
1,3-Dichlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.7	40-140	3.99	30	
1,4-Dichlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.3	40-140	4.97	30	
3,3-Dichlorobenzidine	1.23	0.17	mg/Kg wet	1.67		73.9	20-140	8.26	50	† ‡
2,4-Dichlorophenol	1.51	0.34	mg/Kg wet	1.67		90.9	30-130	2.74	30	
Diethylphthalate	1.53	0.34	mg/Kg wet	1.67		91.8	40-140	0.435	30	
2,4-Dimethylphenol	1.56	0.34	mg/Kg wet	1.67		93.6	30-130	2.27	30	
Dimethylphthalate	1.56	0.34	mg/Kg wet	1.67		93.8	40-140	0.0853	30	
4,6-Dinitro-2-methylphenol	1.06	0.34	mg/Kg wet	1.67		63.4	30-130	1.47	30	
2,4-Dinitrophenol	0.570	0.66	mg/Kg wet	1.67		34.2	30-130	17.2	30	
2,4-Dinitrotoluene	1.48	0.34	mg/Kg wet	1.67		88.5	40-140	1.46	30	
2,6-Dinitrotoluene	1.62	0.34	mg/Kg wet	1.67		97.0	40-140	0.268	30	
Di-n-octylphthalate	1.68	0.34	mg/Kg wet	1.67		101	40-140	4.36	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.35	0.34	mg/Kg wet	1.67		80.9	40-140	0.493	30	
Fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.5	40-140	4.81	30	
Fluorene	1.50	0.17	mg/Kg wet	1.67		90.0	40-140	1.48	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131923 - SW-846 3546

LCS Dup (B131923-BSD1)

Prepared: 10/01/15 Analyzed: 10/02/15

Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.1	40-140	0.698	30	
Hexachlorobutadiene	1.43	0.34	mg/Kg wet	1.67		85.6	40-140	2.63	30	
Hexachlorocyclopentadiene	1.22	0.34	mg/Kg wet	1.67		73.0	40-140	2.61	30	
Hexachloroethane	1.35	0.34	mg/Kg wet	1.67		81.1	40-140	2.14	30	
Indeno(1,2,3-cd)pyrene	1.52	0.17	mg/Kg wet	1.67		91.1	40-140	4.30	30	
Isophorone	1.42	0.34	mg/Kg wet	1.67		85.2	40-140	2.16	30	
1-Methylnaphthalene	1.32	0.17	mg/Kg wet	1.67		79.2	40-140	3.34	30	
2-Methylnaphthalene	1.43	0.17	mg/Kg wet	1.67		86.0	40-140	1.74	30	
2-Methylphenol	1.42	0.34	mg/Kg wet	1.67		85.0	30-130	4.13	30	
3/4-Methylphenol	1.36	0.34	mg/Kg wet	1.67		81.9	30-130	1.82	30	
Naphthalene	1.36	0.17	mg/Kg wet	1.67		81.9	40-140	2.67	30	
2-Nitroaniline	1.37	0.34	mg/Kg wet	1.67		82.0	40-140	0.0244	30	
3-Nitroaniline	1.38	0.34	mg/Kg wet	1.67		82.9	30-140	6.07	30	†
4-Nitroaniline	1.46	0.34	mg/Kg wet	1.67		87.6	40-140	2.05	30	
Nitrobenzene	1.31	0.34	mg/Kg wet	1.67		78.5	40-140	3.16	30	
2-Nitrophenol	1.49	0.34	mg/Kg wet	1.67		89.5	30-130	3.59	30	
4-Nitrophenol	1.24	0.66	mg/Kg wet	1.67		74.7	30-130	2.60	50	‡
N-Nitrosodimethylamine	1.17	0.34	mg/Kg wet	1.67		70.4	40-140	8.66	30	
N-Nitrosodiphenylamine	1.82	0.34	mg/Kg wet	1.67		109	40-140	1.46	30	
N-Nitrosodi-n-propylamine	1.29	0.34	mg/Kg wet	1.67		77.5	40-140	1.80	30	
Pentachloronitrobenzene	1.42	0.34	mg/Kg wet	1.67		85.2	40-140	4.93	30	V-16
Pentachlorophenol	0.899	0.34	mg/Kg wet	1.67		53.9	30-130	2.44	30	V-05
Phenanthrene	1.48	0.17	mg/Kg wet	1.67		88.6	40-140	1.16	30	
Phenol	1.43	0.34	mg/Kg wet	1.67		85.8	30-130	5.06	30	
Pyrene	1.56	0.17	mg/Kg wet	1.67		93.7	40-140	7.69	30	
Pyridine	0.934	0.34	mg/Kg wet	1.67		56.0	30-140	5.69	30	†
1,2,4,5-Tetrachlorobenzene	1.42	0.34	mg/Kg wet	1.67		85.5	40-140	2.42	30	
1,2,4-Trichlorobenzene	1.42	0.34	mg/Kg wet	1.67		84.9	40-140	2.17	30	
2,4,5-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.4	30-130	0.336	30	
2,4,6-Trichlorophenol	1.54	0.34	mg/Kg wet	1.67		92.6	30-130	0.323	30	

Surrogate: 2-Fluorophenol	6.34		mg/Kg wet	6.67		95.1	30-130			
Surrogate: Phenol-d6	6.13		mg/Kg wet	6.67		92.0	30-130			
Surrogate: Nitrobenzene-d5	2.79		mg/Kg wet	3.33		83.7	30-130			
Surrogate: 2-Fluorobiphenyl	3.31		mg/Kg wet	3.33		99.2	30-130			
Surrogate: 2,4,6-Tribromophenol	7.00		mg/Kg wet	6.67		105	30-130			
Surrogate: p-Terphenyl-d14	3.55		mg/Kg wet	3.33		106	30-130			

Batch B131997 - SW-846 3546

Blank (B131997-BLK1)

Prepared: 10/01/15 Analyzed: 10/05/15

Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							V-05
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.66	mg/Kg wet							V-04, V-05
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							V-05
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							

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**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131997 - SW-846 3546**

**Blank (B131997-BLK1)**

Prepared: 10/01/15 Analyzed: 10/05/15

Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							V-05
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-19
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B131997 - SW-846 3546

Blank (B131997-BLK1)

Prepared: 10/01/15 Analyzed: 10/05/15

Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							V-05
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.06		mg/Kg wet	6.67		60.9	30-130			
Surrogate: Phenol-d6	4.28		mg/Kg wet	6.67		64.3	30-130			
Surrogate: Nitrobenzene-d5	2.01		mg/Kg wet	3.33		60.2	30-130			
Surrogate: 2-Fluorobiphenyl	2.50		mg/Kg wet	3.33		74.9	30-130			
Surrogate: 2,4,6-Tribromophenol	6.33		mg/Kg wet	6.67		94.9	30-130			
Surrogate: p-Terphenyl-d14	3.49		mg/Kg wet	3.33		105	30-130			

LCS (B131997-BS1)

Prepared: 10/01/15 Analyzed: 10/05/15

Acenaphthene	1.01	0.17	mg/Kg wet	1.67		60.5	40-140			
Acenaphthylene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140			
Acetophenone	0.978	0.34	mg/Kg wet	1.67		58.7	40-140			
Aniline	0.584	0.34	mg/Kg wet	1.67		35.0	10-140			V-05 †
Anthracene	1.10	0.17	mg/Kg wet	1.67		66.0	40-140			
Benizidine	1.16	0.66	mg/Kg wet	1.67		69.8	40-140			V-04, V-05
Benzo(a)anthracene	1.13	0.17	mg/Kg wet	1.67		68.1	40-140			
Benzo(a)pyrene	1.13	0.17	mg/Kg wet	1.67		68.1	40-140			
Benzo(b)fluoranthene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Benzo(g,h,i)perylene	1.28	0.17	mg/Kg wet	1.67		76.8	40-140			
Benzo(k)fluoranthene	1.07	0.17	mg/Kg wet	1.67		64.1	40-140			
Benzoic Acid	0.505	1.0	mg/Kg wet	1.67		30.3	30-130			V-05
Bis(2-chloroethoxy)methane	0.973	0.34	mg/Kg wet	1.67		58.4	40-140			
Bis(2-chloroethyl)ether	0.881	0.34	mg/Kg wet	1.67		52.9	40-140			
Bis(2-chloroisopropyl)ether	0.810	0.34	mg/Kg wet	1.67		48.6	40-140			V-05
Bis(2-Ethylhexyl)phthalate	1.27	0.34	mg/Kg wet	1.67		76.4	40-140			
4-Bromophenylphenylether	1.30	0.34	mg/Kg wet	1.67		77.8	40-140			
Butylbenzylphthalate	1.09	0.34	mg/Kg wet	1.67		65.1	40-140			
Carbazole	1.04	0.17	mg/Kg wet	1.67		62.6	40-140			
4-Chloroaniline	0.473	0.66	mg/Kg wet	1.67		28.4	10-140			†
4-Chloro-3-methylphenol	1.05	0.66	mg/Kg wet	1.67		63.1	30-130			
2-Chloronaphthalene	0.923	0.34	mg/Kg wet	1.67		55.4	40-140			
2-Chlorophenol	0.970	0.34	mg/Kg wet	1.67		58.2	30-130			
4-Chlorophenylphenylether	1.17	0.34	mg/Kg wet	1.67		70.0	40-140			
Chrysene	1.13	0.17	mg/Kg wet	1.67		67.7	40-140			
Dibenz(a,h)anthracene	1.28	0.17	mg/Kg wet	1.67		76.6	40-140			
Dibenzofuran	1.08	0.34	mg/Kg wet	1.67		64.9	40-140			
Di-n-butylphthalate	1.08	0.34	mg/Kg wet	1.67		64.8	40-140			
1,2-Dichlorobenzene	0.919	0.34	mg/Kg wet	1.67		55.2	40-140			
1,3-Dichlorobenzene	0.876	0.34	mg/Kg wet	1.67		52.5	40-140			
1,4-Dichlorobenzene	0.890	0.34	mg/Kg wet	1.67		53.4	40-140			
3,3-Dichlorobenzidine	0.655	0.17	mg/Kg wet	1.67		39.3	20-140			†
2,4-Dichlorophenol	1.14	0.34	mg/Kg wet	1.67		68.5	30-130			
Diethylphthalate	1.12	0.34	mg/Kg wet	1.67		67.4	40-140			
2,4-Dimethylphenol	1.00	0.34	mg/Kg wet	1.67		60.0	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131997 - SW-846 3546</b>										
<b>LCS (B131997-BS1)</b>										
					Prepared: 10/01/15 Analyzed: 10/05/15					
Dimethylphthalate	1.14	0.34	mg/Kg wet	1.67		68.5	40-140			
4,6-Dinitro-2-methylphenol	0.948	0.34	mg/Kg wet	1.67		56.9	30-130			
2,4-Dinitrophenol	0.703	0.66	mg/Kg wet	1.67		42.2	30-130			V-19
2,4-Dinitrotoluene	1.14	0.34	mg/Kg wet	1.67		68.3	40-140			
2,6-Dinitrotoluene	1.18	0.34	mg/Kg wet	1.67		70.7	40-140			
Di-n-octylphthalate	1.10	0.34	mg/Kg wet	1.67		65.9	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	0.975	0.34	mg/Kg wet	1.67		58.5	40-140			
Fluoranthene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140			
Fluorene	1.08	0.17	mg/Kg wet	1.67		64.7	40-140			
Hexachlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.2	40-140			
Hexachlorobutadiene	1.14	0.34	mg/Kg wet	1.67		68.4	40-140			
Hexachlorocyclopentadiene	0.791	0.34	mg/Kg wet	1.67		47.5	40-140			
Hexachloroethane	0.897	0.34	mg/Kg wet	1.67		53.8	40-140			
Indeno(1,2,3-cd)pyrene	1.32	0.17	mg/Kg wet	1.67		79.4	40-140			
Isophorone	0.995	0.34	mg/Kg wet	1.67		59.7	40-140			
1-Methylnaphthalene	1.04	0.17	mg/Kg wet	1.67		62.5	40-140			
2-Methylnaphthalene	1.04	0.17	mg/Kg wet	1.67		62.4	40-140			
2-Methylphenol	0.905	0.34	mg/Kg wet	1.67		54.3	30-130			
3/4-Methylphenol	1.02	0.34	mg/Kg wet	1.67		61.1	30-130			
Naphthalene	1.00	0.17	mg/Kg wet	1.67		60.1	40-140			
2-Nitroaniline	0.928	0.34	mg/Kg wet	1.67		55.7	40-140			
3-Nitroaniline	0.869	0.34	mg/Kg wet	1.67		52.2	30-140			†
4-Nitroaniline	1.00	0.34	mg/Kg wet	1.67		60.3	40-140			
Nitrobenzene	0.923	0.34	mg/Kg wet	1.67		55.4	40-140			
2-Nitrophenol	1.04	0.34	mg/Kg wet	1.67		62.5	30-130			
4-Nitrophenol	1.29	0.66	mg/Kg wet	1.67		77.5	30-130			
N-Nitrosodimethylamine	0.798	0.34	mg/Kg wet	1.67		47.9	40-140			
N-Nitrosodiphenylamine	1.51	0.34	mg/Kg wet	1.67		90.6	40-140			
N-Nitrosodi-n-propylamine	0.945	0.34	mg/Kg wet	1.67		56.7	40-140			
Pentachloronitrobenzene	1.28	0.34	mg/Kg wet	1.67		76.7	40-140			V-16
Pentachlorophenol	1.07	0.34	mg/Kg wet	1.67		64.3	30-130			
Phenanthrene	1.09	0.17	mg/Kg wet	1.67		65.3	40-140			
Phenol	0.958	0.34	mg/Kg wet	1.67		57.5	30-130			
Pyrene	1.09	0.17	mg/Kg wet	1.67		65.2	40-140			
<b>Pyridine</b>	0.466	0.34	mg/Kg wet	1.67		<b>28.0</b>	* 30-140			L-07, V-05 †
1,2,4,5-Tetrachlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.3	40-140			
1,2,4-Trichlorobenzene	1.08	0.34	mg/Kg wet	1.67		64.9	40-140			
2,4,5-Trichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.4	30-130			
2,4,6-Trichlorophenol	1.21	0.34	mg/Kg wet	1.67		72.6	30-130			
Surrogate: 2-Fluorophenol	3.88		mg/Kg wet	6.67		58.2	30-130			
Surrogate: Phenol-d6	4.00		mg/Kg wet	6.67		60.1	30-130			
Surrogate: Nitrobenzene-d5	1.99		mg/Kg wet	3.33		59.8	30-130			
Surrogate: 2-Fluorobiphenyl	2.43		mg/Kg wet	3.33		72.8	30-130			
Surrogate: 2,4,6-Tribromophenol	6.70		mg/Kg wet	6.67		101	30-130			
Surrogate: p-Terphenyl-d14	2.73		mg/Kg wet	3.33		81.9	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131997 - SW-846 3546</b>										
<b>LCS Dup (B131997-BSD1)</b>										
					Prepared: 10/01/15 Analyzed: 10/05/15					
Acenaphthene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140	4.78	30	
Acenaphthylene	1.10	0.17	mg/Kg wet	1.67		65.9	40-140	3.65	30	
Acetophenone	1.04	0.34	mg/Kg wet	1.67		62.7	40-140	6.59	30	
Aniline	0.604	0.34	mg/Kg wet	1.67		36.2	10-140	3.31	50	V-05 † ‡
Anthracene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140	0.845	30	
Benzidine	1.14	0.66	mg/Kg wet	1.67		68.7	40-140	1.62	30	V-04, V-05
Benzo(a)anthracene	1.15	0.17	mg/Kg wet	1.67		69.2	40-140	1.66	30	
Benzo(a)pyrene	1.15	0.17	mg/Kg wet	1.67		69.1	40-140	1.46	30	
Benzo(b)fluoranthene	1.10	0.17	mg/Kg wet	1.67		65.8	40-140	1.59	30	
Benzo(g,h,i)perylene	1.25	0.17	mg/Kg wet	1.67		75.0	40-140	2.37	30	
Benzo(k)fluoranthene	1.11	0.17	mg/Kg wet	1.67		66.8	40-140	4.22	30	
<b>Benzoic Acid</b>	0.400	1.0	mg/Kg wet	1.67		<b>24.0</b>	* 30-130	23.2	50	L-07, V-05 ‡
Bis(2-chloroethoxy)methane	1.04	0.34	mg/Kg wet	1.67		62.3	40-140	6.46	30	
Bis(2-chloroethyl)ether	0.972	0.34	mg/Kg wet	1.67		58.3	40-140	9.82	30	
Bis(2-chloroisopropyl)ether	0.857	0.34	mg/Kg wet	1.67		51.4	40-140	5.56	30	V-05
Bis(2-Ethylhexyl)phthalate	1.31	0.34	mg/Kg wet	1.67		78.4	40-140	2.59	30	
4-Bromophenylphenylether	1.33	0.34	mg/Kg wet	1.67		79.8	40-140	2.59	30	
Butylbenzylphthalate	1.14	0.34	mg/Kg wet	1.67		68.4	40-140	4.88	30	
Carbazole	1.06	0.17	mg/Kg wet	1.67		63.5	40-140	1.46	30	
4-Chloroaniline	0.594	0.66	mg/Kg wet	1.67		35.7	10-140	22.7	30	†
4-Chloro-3-methylphenol	1.13	0.66	mg/Kg wet	1.67		67.7	30-130	7.00	30	
2-Chloronaphthalene	0.997	0.34	mg/Kg wet	1.67		59.8	40-140	7.67	30	
2-Chlorophenol	1.06	0.34	mg/Kg wet	1.67		63.5	30-130	8.64	30	
4-Chlorophenylphenylether	1.23	0.34	mg/Kg wet	1.67		73.8	40-140	5.20	30	
Chrysene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140	3.11	30	
Dibenz(a,h)anthracene	1.26	0.17	mg/Kg wet	1.67		75.3	40-140	1.66	30	
Dibenzofuran	1.14	0.34	mg/Kg wet	1.67		68.5	40-140	5.31	30	
Di-n-butylphthalate	1.05	0.34	mg/Kg wet	1.67		63.2	40-140	2.44	30	
1,2-Dichlorobenzene	1.02	0.34	mg/Kg wet	1.67		61.3	40-140	10.5	30	
1,3-Dichlorobenzene	0.966	0.34	mg/Kg wet	1.67		58.0	40-140	9.81	30	
1,4-Dichlorobenzene	0.989	0.34	mg/Kg wet	1.67		59.3	40-140	10.6	30	
3,3-Dichlorobenzidine	0.718	0.17	mg/Kg wet	1.67		43.1	20-140	9.13	50	† ‡
2,4-Dichlorophenol	1.21	0.34	mg/Kg wet	1.67		72.8	30-130	6.11	30	
Diethylphthalate	1.16	0.34	mg/Kg wet	1.67		69.9	40-140	3.70	30	
2,4-Dimethylphenol	1.04	0.34	mg/Kg wet	1.67		62.3	30-130	3.73	30	
Dimethylphthalate	1.20	0.34	mg/Kg wet	1.67		71.9	40-140	4.82	30	
4,6-Dinitro-2-methylphenol	0.892	0.34	mg/Kg wet	1.67		53.5	30-130	6.16	30	
2,4-Dinitrophenol	0.652	0.66	mg/Kg wet	1.67		39.1	30-130	7.48	30	V-19
2,4-Dinitrotoluene	1.17	0.34	mg/Kg wet	1.67		70.3	40-140	2.86	30	
2,6-Dinitrotoluene	1.25	0.34	mg/Kg wet	1.67		75.1	40-140	6.06	30	
Di-n-octylphthalate	1.13	0.34	mg/Kg wet	1.67		68.1	40-140	3.29	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.955	0.34	mg/Kg wet	1.67		57.3	40-140	2.07	30	
Fluoranthene	1.02	0.17	mg/Kg wet	1.67		61.2	40-140	3.75	30	
Fluorene	1.15	0.17	mg/Kg wet	1.67		69.0	40-140	6.46	30	
Hexachlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.6	40-140	0.473	30	
Hexachlorobutadiene	1.22	0.34	mg/Kg wet	1.67		73.4	40-140	7.14	30	
Hexachlorocyclopentadiene	0.811	0.34	mg/Kg wet	1.67		48.7	40-140	2.45	30	
Hexachloroethane	0.969	0.34	mg/Kg wet	1.67		58.1	40-140	7.68	30	
Indeno(1,2,3-cd)pyrene	1.31	0.17	mg/Kg wet	1.67		78.6	40-140	1.06	30	
Isophorone	1.05	0.34	mg/Kg wet	1.67		62.9	40-140	5.12	30	
1-Methylnaphthalene	1.10	0.17	mg/Kg wet	1.67		66.1	40-140	5.60	30	
2-Methylnaphthalene	1.11	0.17	mg/Kg wet	1.67		66.4	40-140	6.24	30	

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**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131997 - SW-846 3546**

**LCS Dup (B131997-BSD1)**

Prepared: 10/01/15 Analyzed: 10/05/15

2-Methylphenol	0.994	0.34	mg/Kg wet	1.67		59.6	30-130	9.38	30	
3/4-Methylphenol	1.09	0.34	mg/Kg wet	1.67		65.3	30-130	6.71	30	
Naphthalene	1.07	0.17	mg/Kg wet	1.67		64.1	40-140	6.35	30	
2-Nitroaniline	0.951	0.34	mg/Kg wet	1.67		57.0	40-140	2.41	30	
3-Nitroaniline	0.929	0.34	mg/Kg wet	1.67		55.8	30-140	6.67	30	†
4-Nitroaniline	1.02	0.34	mg/Kg wet	1.67		61.0	40-140	1.22	30	
Nitrobenzene	0.973	0.34	mg/Kg wet	1.67		58.4	40-140	5.31	30	
2-Nitrophenol	1.09	0.34	mg/Kg wet	1.67		65.6	30-130	4.87	30	
4-Nitrophenol	1.24	0.66	mg/Kg wet	1.67		74.6	30-130	3.76	50	‡
N-Nitrosodimethylamine	0.895	0.34	mg/Kg wet	1.67		53.7	40-140	11.5	30	
N-Nitrosodiphenylamine	1.48	0.34	mg/Kg wet	1.67		88.6	40-140	2.23	30	
N-Nitrosodi-n-propylamine	1.00	0.34	mg/Kg wet	1.67		60.3	40-140	6.16	30	
Pentachloronitrobenzene	1.28	0.34	mg/Kg wet	1.67		76.8	40-140	0.0521	30	V-16
Pentachlorophenol	1.03	0.34	mg/Kg wet	1.67		62.1	30-130	3.48	30	
Phenanthrene	1.14	0.17	mg/Kg wet	1.67		68.3	40-140	4.55	30	
Phenol	1.03	0.34	mg/Kg wet	1.67		61.8	30-130	7.21	30	
Pyrene	1.17	0.17	mg/Kg wet	1.67		70.0	40-140	7.16	30	
Pyridine	0.512	0.34	mg/Kg wet	1.67		30.7	30-140	9.41	30	V-05 †
1,2,4,5-Tetrachlorobenzene	1.18	0.34	mg/Kg wet	1.67		70.6	40-140	4.78	30	
1,2,4-Trichlorobenzene	1.17	0.34	mg/Kg wet	1.67		70.1	40-140	7.74	30	
2,4,5-Trichlorophenol	1.22	0.34	mg/Kg wet	1.67		73.2	30-130	2.54	30	
2,4,6-Trichlorophenol	1.22	0.34	mg/Kg wet	1.67		73.4	30-130	1.10	30	
Surrogate: 2-Fluorophenol	4.22		mg/Kg wet	6.67		63.2	30-130			
Surrogate: Phenol-d6	4.32		mg/Kg wet	6.67		64.8	30-130			
Surrogate: Nitrobenzene-d5	2.07		mg/Kg wet	3.33		62.1	30-130			
Surrogate: 2-Fluorobiphenyl	2.48		mg/Kg wet	3.33		74.3	30-130			
Surrogate: 2,4,6-Tribromophenol	6.67		mg/Kg wet	6.67		100	30-130			
Surrogate: p-Terphenyl-d14	2.80		mg/Kg wet	3.33		84.2	30-130			

**Matrix Spike (B131997-MS1)**

Source: 1511393-03

Prepared: 10/01/15 Analyzed: 10/05/15

Acenaphthene	1.17	0.18	mg/Kg dry	1.79	0.408	42.4	40-140			
Acenaphthylene	2.05	0.18	mg/Kg dry	1.79	0.946	62.1	40-140			
Acetophenone	0.756	0.36	mg/Kg dry	1.79	ND	42.3	40-140			
<b>Aniline</b>	0.490	0.36	mg/Kg dry	1.79	ND	<b>27.4</b>	* 40-140			MS-09, V-05
Anthracene	2.43	0.18	mg/Kg dry	1.79	1.21	67.9	40-140			
<b>Benzidine</b>	ND	0.71	mg/Kg dry	1.79	ND	*	40-140			MS-09, V-04, V-05
Benzo(a)anthracene	6.86	0.18	mg/Kg dry	1.79	5.31	86.7	40-140			
Benzo(a)pyrene	5.56	0.18	mg/Kg dry	1.79	4.26	73.0	40-140			
Benzo(b)fluoranthene	5.57	0.18	mg/Kg dry	1.79	4.45	62.8	40-140			
Benzo(g,h,i)perylene	3.82	0.18	mg/Kg dry	1.79	2.52	72.6	40-140			
Benzo(k)fluoranthene	2.72	0.18	mg/Kg dry	1.79	1.56	65.4	40-140			
<b>Benzoic Acid</b>	0.620	1.1	mg/Kg dry	1.79	ND	<b>34.7</b>	* 40-140			MS-22, V-05
Bis(2-chloroethoxy)methane	0.763	0.36	mg/Kg dry	1.79	ND	42.7	40-140			
Bis(2-chloroethyl)ether	0.769	0.36	mg/Kg dry	1.79	ND	43.1	40-140			
<b>Bis(2-chloroisopropyl)ether</b>	0.627	0.36	mg/Kg dry	1.79	ND	<b>35.1</b>	* 40-140			MS-22, V-05
Bis(2-Ethylhexyl)phthalate	1.09	0.36	mg/Kg dry	1.79	ND	61.1	40-140			
4-Bromophenylphenylether	1.07	0.36	mg/Kg dry	1.79	ND	59.8	40-140			
Butylbenzylphthalate	0.834	0.36	mg/Kg dry	1.79	ND	46.7	40-140			
Carbazole	1.24	0.18	mg/Kg dry	1.79	0.338	50.6	40-140			
<b>4-Chloroaniline</b>	0.685	0.71	mg/Kg dry	1.79	ND	<b>38.4</b>	* 40-140			MS-22
4-Chloro-3-methylphenol	0.788	0.71	mg/Kg dry	1.79	ND	44.1	30-130			
2-Chloronaphthalene	0.835	0.36	mg/Kg dry	1.79	ND	46.8	40-140			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131997 - SW-846 3546</b>										
<b>Matrix Spike (B131997-MS1)</b>	<b>Source: 15I1393-03</b>			Prepared: 10/01/15 Analyzed: 10/05/15						
2-Chlorophenol	0.767	0.36	mg/Kg dry	1.79	ND	43.0	30-130			
4-Chlorophenylphenylether	0.935	0.36	mg/Kg dry	1.79	ND	52.3	40-140			
Chrysene	7.91	0.18	mg/Kg dry	1.79	6.21	95.0	40-140			
Dibenz(a,h)anthracene	1.93	0.18	mg/Kg dry	1.79	0.829	61.7	40-140			
Dibenzofuran	1.07	0.36	mg/Kg dry	1.79	0.167	50.3	40-140			
Di-n-butylphthalate	0.970	0.36	mg/Kg dry	1.79	ND	54.3	40-140			
1,2-Dichlorobenzene	0.769	0.36	mg/Kg dry	1.79	ND	43.1	40-140			
<b>1,3-Dichlorobenzene</b>	0.713	0.36	mg/Kg dry	1.79	ND	<b>39.9</b>	*	40-140		MS-22
1,4-Dichlorobenzene	0.740	0.36	mg/Kg dry	1.79	ND	41.4	40-140			
<b>3,3-Dichlorobenzidine</b>	0.613	0.18	mg/Kg dry	1.79	ND	<b>34.3</b>	*	40-140		MS-22
2,4-Dichlorophenol	0.917	0.36	mg/Kg dry	1.79	ND	51.3	30-130			
Diethylphthalate	0.901	0.36	mg/Kg dry	1.79	ND	50.5	40-140			
2,4-Dimethylphenol	0.788	0.36	mg/Kg dry	1.79	ND	44.1	30-130			
Dimethylphthalate	0.938	0.36	mg/Kg dry	1.79	ND	52.5	40-140			
4,6-Dinitro-2-methylphenol	0.780	0.36	mg/Kg dry	1.79	ND	43.7	30-130			
2,4-Dinitrophenol	0.848	0.71	mg/Kg dry	1.79	ND	47.5	30-130			V-19
2,4-Dinitrotoluene	1.00	0.36	mg/Kg dry	1.79	ND	56.0	40-140			
2,6-Dinitrotoluene	0.976	0.36	mg/Kg dry	1.79	ND	54.7	40-140			
Di-n-octylphthalate	1.15	0.36	mg/Kg dry	1.79	ND	64.5	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	0.793	0.36	mg/Kg dry	1.79	ND	44.4	40-140			
Fluoranthene	12.3	0.18	mg/Kg dry	1.79	10.9	74.5	40-140			
Fluorene	1.65	0.18	mg/Kg dry	1.79	0.650	56.1	40-140			
Hexachlorobenzene	1.04	0.36	mg/Kg dry	1.79	ND	58.2	40-140			
Hexachlorobutadiene	1.00	0.36	mg/Kg dry	1.79	ND	56.0	40-140			
<b>Hexachlorocyclopentadiene</b>	0.260	0.36	mg/Kg dry	1.79	ND	<b>14.6</b>	*	30-130		MS-09, R-06
<b>Hexachloroethane</b>	0.690	0.36	mg/Kg dry	1.79	ND	<b>38.6</b>	*	40-140		MS-22
Indeno(1,2,3-cd)pyrene	3.87	0.18	mg/Kg dry	1.79	2.74	63.2	40-140			
Isophorone	0.792	0.36	mg/Kg dry	1.79	ND	44.4	40-140			
1-Methylnaphthalene	1.09	0.18	mg/Kg dry	1.79	0.238	47.6	40-140			
2-Methylnaphthalene	1.14	0.18	mg/Kg dry	1.79	0.234	51.0	40-140			
2-Methylphenol	0.703	0.36	mg/Kg dry	1.79	ND	39.4	30-130			
3/4-Methylphenol	0.754	0.36	mg/Kg dry	1.79	ND	42.2	30-130			
Naphthalene	1.19	0.18	mg/Kg dry	1.79	0.269	51.5	40-140			
2-Nitroaniline	0.734	0.36	mg/Kg dry	1.79	ND	41.1	40-140			
3-Nitroaniline	0.766	0.36	mg/Kg dry	1.79	ND	42.9	40-140			
4-Nitroaniline	0.760	0.36	mg/Kg dry	1.79	ND	42.6	40-140			
Nitrobenzene	0.746	0.36	mg/Kg dry	1.79	ND	41.8	40-140			
2-Nitrophenol	0.860	0.36	mg/Kg dry	1.79	ND	48.2	30-130			
4-Nitrophenol	0.992	0.71	mg/Kg dry	1.79	ND	55.5	30-130			
<b>N-Nitrosodimethylamine</b>	0.617	0.36	mg/Kg dry	1.79	ND	<b>34.6</b>	*	40-140		MS-22
N-Nitrosodiphenylamine	1.38	0.36	mg/Kg dry	1.79	ND	77.4	40-140			
<b>N-Nitrosodi-n-propylamine</b>	0.704	0.36	mg/Kg dry	1.79	ND	<b>39.4</b>	*	40-140		MS-22
Pentachloronitrobenzene	1.06	0.36	mg/Kg dry	1.79	ND	59.5	40-140			V-16
Pentachlorophenol	1.03	0.36	mg/Kg dry	1.79	ND	57.6	30-130			
<b>Phenanthrene</b>	10.0	0.18	mg/Kg dry	1.79	6.84	<b>177</b>	*	40-140		MS-09
Phenol	0.746	0.36	mg/Kg dry	1.79	ND	41.8	30-130			
Pyrene	14.1	0.18	mg/Kg dry	1.79	12.1	114	40-140			
<b>Pyridine</b>	0.352	0.36	mg/Kg dry	1.79	ND	<b>19.7</b>	*	40-140		MS-09, V-05
1,2,4,5-Tetrachlorobenzene	1.00	0.36	mg/Kg dry	1.79	ND	56.1	40-140			
1,2,4-Trichlorobenzene	0.940	0.36	mg/Kg dry	1.79	ND	52.7	40-140			
2,4,5-Trichlorophenol	0.961	0.36	mg/Kg dry	1.79	ND	53.8	30-130			
2,4,6-Trichlorophenol	1.01	0.36	mg/Kg dry	1.79	ND	56.6	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131997 - SW-846 3546</b>										
<b>Matrix Spike (B131997-MS1) Source: 15I1393-03 Prepared: 10/01/15 Analyzed: 10/05/15</b>										
Surrogate: 2-Fluorophenol	2.90		mg/Kg dry	7.14		40.6	30-130			
Surrogate: Phenol-d6	3.01		mg/Kg dry	7.14		42.1	30-130			
Surrogate: Nitrobenzene-d5	1.59		mg/Kg dry	3.57		44.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.00		mg/Kg dry	3.57		55.9	30-130			
Surrogate: 2,4,6-Tribromophenol	4.78		mg/Kg dry	7.14		66.9	30-130			
Surrogate: p-Terphenyl-d14	2.02		mg/Kg dry	3.57		56.6	30-130			
<b>Matrix Spike Dup (B131997-MSD1) Source: 15I1393-03 Prepared: 10/01/15 Analyzed: 10/05/15</b>										
Acenaphthene	1.40	0.18	mg/Kg dry	1.79	0.408	55.8	40-140	18.5	30	
Acenaphthylene	2.06	0.18	mg/Kg dry	1.79	0.946	62.6	40-140	0.468	30	
Acetophenone	0.956	0.36	mg/Kg dry	1.79	ND	53.5	40-140	23.3	30	
Aniline	0.563	0.36	mg/Kg dry	1.79	ND	31.5 *	40-140	13.9	30	MS-09, V-05
Anthracene	2.27	0.18	mg/Kg dry	1.79	1.21	59.0	40-140	6.76	30	
Benzdine	ND	0.71	mg/Kg dry	1.79	ND	*	40-140		30	MS-09, V-04, V-05
Benzo(a)anthracene	5.94	0.18	mg/Kg dry	1.79	5.31	35.3 *	40-140	14.4	30	MS-22
Benzo(a)pyrene	5.07	0.18	mg/Kg dry	1.79	4.26	45.5	40-140	9.22	30	
Benzo(b)fluoranthene	5.12	0.18	mg/Kg dry	1.79	4.45	37.4 *	40-140	8.48	30	MS-22
Benzo(g,h,i)perylene	3.90	0.18	mg/Kg dry	1.79	2.52	77.1	40-140	2.07	30	
Benzo(k)fluoranthene	2.64	0.18	mg/Kg dry	1.79	1.56	60.9	40-140	2.97	30	
Benzoic Acid	0.821	1.1	mg/Kg dry	1.79	ND	46.0	40-140	27.8	30	V-05
Bis(2-chloroethoxy)methane	0.947	0.36	mg/Kg dry	1.79	ND	53.0	40-140	21.5	30	
Bis(2-chloroethyl)ether	0.847	0.36	mg/Kg dry	1.79	ND	47.4	40-140	9.59	30	
Bis(2-chloroisopropyl)ether	0.728	0.36	mg/Kg dry	1.79	ND	40.8	40-140	14.9	30	V-05
Bis(2-Ethylhexyl)phthalate	1.30	0.36	mg/Kg dry	1.79	ND	72.9	40-140	17.6	30	
4-Bromophenylphenylether	1.27	0.36	mg/Kg dry	1.79	ND	71.3	40-140	17.5	30	
Butylbenzylphthalate	1.04	0.36	mg/Kg dry	1.79	ND	58.5	40-140	22.4	30	
Carbazole	1.43	0.18	mg/Kg dry	1.79	0.338	61.4	40-140	14.4	30	
4-Chloroaniline	0.803	0.71	mg/Kg dry	1.79	ND	44.9	40-140	15.8	30	
4-Chloro-3-methylphenol	0.978	0.71	mg/Kg dry	1.79	ND	54.8	30-130	21.5	30	
2-Chloronaphthalene	1.02	0.36	mg/Kg dry	1.79	ND	57.2	40-140	20.2	30	
2-Chlorophenol	0.985	0.36	mg/Kg dry	1.79	ND	55.2	30-130	24.9	30	
4-Chlorophenylphenylether	1.10	0.36	mg/Kg dry	1.79	ND	61.8	40-140	16.5	30	
Chrysene	6.79	0.18	mg/Kg dry	1.79	6.21	32.2 *	40-140	15.2	30	MS-22
Dibenz(a,h)anthracene	2.03	0.18	mg/Kg dry	1.79	0.829	67.4	40-140	5.13	30	
Dibenzofuran	1.25	0.36	mg/Kg dry	1.79	0.167	60.5	40-140	15.7	30	
Di-n-butylphthalate	1.11	0.36	mg/Kg dry	1.79	ND	61.9	40-140	13.0	30	
1,2-Dichlorobenzene	0.909	0.36	mg/Kg dry	1.79	ND	50.9	40-140	16.6	30	
1,3-Dichlorobenzene	0.868	0.36	mg/Kg dry	1.79	ND	48.6	40-140	19.7	30	
1,4-Dichlorobenzene	0.878	0.36	mg/Kg dry	1.79	ND	49.2	40-140	17.0	30	
3,3-Dichlorobenzidine	0.744	0.18	mg/Kg dry	1.79	ND	41.7	40-140	19.3	30	
2,4-Dichlorophenol	1.13	0.36	mg/Kg dry	1.79	ND	63.2	30-130	20.6	30	
Diethylphthalate	1.08	0.36	mg/Kg dry	1.79	ND	60.6	40-140	18.2	30	
2,4-Dimethylphenol	0.949	0.36	mg/Kg dry	1.79	ND	53.1	30-130	18.5	30	
Dimethylphthalate	1.14	0.36	mg/Kg dry	1.79	ND	64.0	40-140	19.6	30	
4,6-Dinitro-2-methylphenol	0.901	0.36	mg/Kg dry	1.79	ND	50.4	30-130	14.4	30	
2,4-Dinitrophenol	0.979	0.71	mg/Kg dry	1.79	ND	54.8	30-130	14.4	30	V-19
2,4-Dinitrotoluene	1.12	0.36	mg/Kg dry	1.79	ND	62.8	40-140	11.4	30	
2,6-Dinitrotoluene	1.15	0.36	mg/Kg dry	1.79	ND	64.5	40-140	16.5	30	
Di-n-octylphthalate	1.30	0.36	mg/Kg dry	1.79	ND	72.8	40-140	12.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.952	0.36	mg/Kg dry	1.79	ND	53.3	40-140	18.2	30	
Fluoranthene	10.7	0.18	mg/Kg dry	1.79	10.9	-12.2 *	40-140	13.5	30	MS-22
Fluorene	1.63	0.18	mg/Kg dry	1.79	0.650	55.1	40-140	1.11	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131997 - SW-846 3546</b>										
<b>Matrix Spike Dup (B131997-MSD1)</b>	<b>Source: 1511393-03</b>			Prepared: 10/01/15 Analyzed: 10/05/15						
Hexachlorobenzene	1.32	0.36	mg/Kg dry	1.79	ND	73.7	40-140	23.5	30	
Hexachlorobutadiene	1.18	0.36	mg/Kg dry	1.79	ND	66.3	40-140	16.8	30	
<b>Hexachlorocyclopentadiene</b>	0.158	0.36	mg/Kg dry	1.79	ND	<b>8.84</b> *	30-130	<b>48.9</b> *	30	MS-09, R-06
Hexachloroethane	0.788	0.36	mg/Kg dry	1.79	ND	44.1	40-140	13.2	30	
Indeno(1,2,3-cd)pyrene	3.94	0.18	mg/Kg dry	1.79	2.74	67.1	40-140	1.82	30	
Isophorone	0.953	0.36	mg/Kg dry	1.79	ND	53.3	40-140	18.4	30	
1-Methylnaphthalene	1.23	0.18	mg/Kg dry	1.79	0.238	55.3	40-140	11.9	30	
2-Methylnaphthalene	1.26	0.18	mg/Kg dry	1.79	0.234	57.3	40-140	9.40	30	
2-Methylphenol	0.873	0.36	mg/Kg dry	1.79	ND	48.9	30-130	21.6	30	
3/4-Methylphenol	0.977	0.36	mg/Kg dry	1.79	ND	54.7	30-130	25.7	30	
Naphthalene	1.29	0.18	mg/Kg dry	1.79	0.269	57.0	40-140	7.88	30	
2-Nitroaniline	0.892	0.36	mg/Kg dry	1.79	ND	49.9	40-140	19.4	30	
3-Nitroaniline	0.941	0.36	mg/Kg dry	1.79	ND	52.7	40-140	20.5	30	
4-Nitroaniline	0.949	0.36	mg/Kg dry	1.79	ND	53.1	40-140	22.1	30	
Nitrobenzene	0.880	0.36	mg/Kg dry	1.79	ND	49.3	40-140	16.5	30	
2-Nitrophenol	1.03	0.36	mg/Kg dry	1.79	ND	57.6	30-130	17.8	30	
4-Nitrophenol	1.14	0.71	mg/Kg dry	1.79	ND	63.8	30-130	13.8	30	
N-Nitrosodimethylamine	0.718	0.36	mg/Kg dry	1.79	ND	40.2	40-140	15.1	30	
N-Nitrosodiphenylamine	1.58	0.36	mg/Kg dry	1.79	ND	88.5	40-140	13.4	30	
N-Nitrosodi-n-propylamine	0.859	0.36	mg/Kg dry	1.79	ND	48.1	40-140	19.7	30	
Pentachloronitrobenzene	1.34	0.36	mg/Kg dry	1.79	ND	75.1	40-140	23.2	30	V-16
Pentachlorophenol	1.21	0.36	mg/Kg dry	1.79	ND	67.6	30-130	16.0	30	
<b>Phenanthrene</b>	7.47	0.18	mg/Kg dry	1.79	6.84	<b>35.3</b> *	40-140	29.0	30	MS-09
Phenol	0.920	0.36	mg/Kg dry	1.79	ND	51.5	30-130	20.9	30	
<b>Pyrene</b>	12.1	0.18	mg/Kg dry	1.79	12.1	<b>-0.280</b> *	40-140	15.6	30	MS-22
<b>Pyridine</b>	0.410	0.36	mg/Kg dry	1.79	ND	<b>22.9</b> *	40-140	15.1	30	MS-09, V-05
1,2,4,5-Tetrachlorobenzene	1.20	0.36	mg/Kg dry	1.79	ND	67.3	40-140	18.2	30	
1,2,4-Trichlorobenzene	1.11	0.36	mg/Kg dry	1.79	ND	62.1	40-140	16.4	30	
2,4,5-Trichlorophenol	1.17	0.36	mg/Kg dry	1.79	ND	65.4	30-130	19.5	30	
2,4,6-Trichlorophenol	1.21	0.36	mg/Kg dry	1.79	ND	67.7	30-130	17.9	30	
Surrogate: 2-Fluorophenol	3.52		mg/Kg dry	7.14		49.2	30-130			
Surrogate: Phenol-d6	3.82		mg/Kg dry	7.14		53.4	30-130			
Surrogate: Nitrobenzene-d5	1.85		mg/Kg dry	3.57		51.8	30-130			
Surrogate: 2-Fluorobiphenyl	2.40		mg/Kg dry	3.57		67.2	30-130			
Surrogate: 2,4,6-Tribromophenol	5.86		mg/Kg dry	7.14		82.0	30-130			
Surrogate: p-Terphenyl-d14	2.56		mg/Kg dry	3.57		71.5	30-130			

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**QUALITY CONTROL**

**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B131924 - SW-846 3546</b>										
<b>Blank (B131924-BLK1)</b>										
Prepared: 10/01/15 Analyzed: 10/03/15										
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.164		mg/Kg wet	0.200		82.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.197		mg/Kg wet	0.200		98.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.162		mg/Kg wet	0.200		81.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.188		mg/Kg wet	0.200		94.0	30-150			
<b>LCS (B131924-BS1)</b>										
Prepared: 10/01/15 Analyzed: 10/03/15										
Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		92.5	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		95.7	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		91.7	40-140			
Aroclor-1260 [2C]	0.20	0.020	mg/Kg wet	0.200		99.0	40-140			
Surrogate: Decachlorobiphenyl	0.164		mg/Kg wet	0.200		82.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.198		mg/Kg wet	0.200		99.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.165		mg/Kg wet	0.200		82.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.190		mg/Kg wet	0.200		95.2	30-150			
<b>LCS Dup (B131924-BSD1)</b>										
Prepared: 10/01/15 Analyzed: 10/03/15										
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		92.4	40-140	0.147	30	
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		95.5	40-140	0.258	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		92.0	40-140	0.350	30	
Aroclor-1260 [2C]	0.20	0.020	mg/Kg wet	0.200		99.2	40-140	0.167	30	
Surrogate: Decachlorobiphenyl	0.164		mg/Kg wet	0.200		81.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.195		mg/Kg wet	0.200		97.4	30-150			
Surrogate: Tetrachloro-m-xylene	0.163		mg/Kg wet	0.200		81.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.189		mg/Kg wet	0.200		94.6	30-150			

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**QUALITY CONTROL**

**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131924 - SW-846 3546**

**Matrix Spike (B131924-MS1)**

**Source: 15I1393-02**

Prepared: 10/01/15 Analyzed: 10/04/15

Aroclor-1016	0.18	0.023	mg/Kg dry	0.228	ND	77.8	40-140			
Aroclor-1016 [2C]	0.18	0.023	mg/Kg dry	0.228	ND	79.8	40-140			
Aroclor-1260	0.18	0.023	mg/Kg dry	0.228	ND	80.5	40-140			
Aroclor-1260 [2C]	0.20	0.023	mg/Kg dry	0.228	ND	87.9	40-140			
Surrogate: Decachlorobiphenyl	0.163		mg/Kg dry	0.228		71.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.195		mg/Kg dry	0.228		85.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.150		mg/Kg dry	0.228		65.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.168		mg/Kg dry	0.228		74.0	30-150			

**Matrix Spike Dup (B131924-MSD1)**

**Source: 15I1393-02**

Prepared: 10/01/15 Analyzed: 10/04/15

Aroclor-1016	0.19	0.023	mg/Kg dry	0.228	ND	84.2	40-140	7.99	30	
Aroclor-1016 [2C]	0.20	0.023	mg/Kg dry	0.228	ND	86.7	40-140	8.23	30	
Aroclor-1260	0.18	0.023	mg/Kg dry	0.228	ND	80.7	40-140	0.303	30	
Aroclor-1260 [2C]	0.20	0.023	mg/Kg dry	0.228	ND	88.2	40-140	0.290	30	
Surrogate: Decachlorobiphenyl	0.161		mg/Kg dry	0.228		70.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.194		mg/Kg dry	0.228		85.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.170		mg/Kg dry	0.228		74.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.192		mg/Kg dry	0.228		84.4	30-150			

**Batch B132020 - SW-846 3546**

**Blank (B132020-BLK1)**

Prepared: 10/01/15 Analyzed: 10/03/15

Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.164		mg/Kg wet	0.200		81.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.193		mg/Kg wet	0.200		96.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.161		mg/Kg wet	0.200		80.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.186		mg/Kg wet	0.200		93.2	30-150			

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**QUALITY CONTROL**

**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132020 - SW-846 3546</b>										
<b>LCS (B132020-BS1)</b>										
Prepared: 10/01/15 Analyzed: 10/03/15										
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		91.0	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		93.8	40-140			
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		92.8	40-140			
Aroclor-1260 [2C]	0.20	0.020	mg/Kg wet	0.200		99.2	40-140			
Surrogate: Decachlorobiphenyl	0.172		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.202		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	0.161		mg/Kg wet	0.200		80.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.186		mg/Kg wet	0.200		92.8	30-150			
<b>LCS Dup (B132020-BSD1)</b>										
Prepared: 10/01/15 Analyzed: 10/03/15										
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		86.2	40-140	5.46	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		88.1	40-140	6.25	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		85.2	40-140	8.53	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		90.5	40-140	9.14	30	
Surrogate: Decachlorobiphenyl	0.155		mg/Kg wet	0.200		77.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.182		mg/Kg wet	0.200		91.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.156		mg/Kg wet	0.200		78.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.179		mg/Kg wet	0.200		89.6	30-150			
<b>Batch B132037 - SW-846 3546</b>										
<b>Blank (B132037-BLK1)</b>										
Prepared: 10/02/15 Analyzed: 10/05/15										
Aroclor-1016	ND	0.20	µg/Wipe							
Aroclor-1016 [2C]	ND	0.20	µg/Wipe							
Aroclor-1221	ND	0.20	µg/Wipe							
Aroclor-1221 [2C]	ND	0.20	µg/Wipe							
Aroclor-1232	ND	0.20	µg/Wipe							
Aroclor-1232 [2C]	ND	0.20	µg/Wipe							
Aroclor-1242	ND	0.20	µg/Wipe							
Aroclor-1242 [2C]	ND	0.20	µg/Wipe							
Aroclor-1248	ND	0.20	µg/Wipe							
Aroclor-1248 [2C]	ND	0.20	µg/Wipe							
Aroclor-1254	ND	0.20	µg/Wipe							
Aroclor-1254 [2C]	ND	0.20	µg/Wipe							
Aroclor-1260	ND	0.20	µg/Wipe							
Aroclor-1260 [2C]	ND	0.20	µg/Wipe							
Aroclor-1262	ND	0.20	µg/Wipe							
Aroclor-1262 [2C]	ND	0.20	µg/Wipe							
Aroclor-1268	ND	0.20	µg/Wipe							
Aroclor-1268 [2C]	ND	0.20	µg/Wipe							
Surrogate: Decachlorobiphenyl	2.03		µg/Wipe	2.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.93		µg/Wipe	2.00		96.3	30-150			
Surrogate: Tetrachloro-m-xylene	1.96		µg/Wipe	2.00		97.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.04		µg/Wipe	2.00		102	30-150			

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**QUALITY CONTROL**

**Polychlorinated Biphenyls By GC/ECD - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132037 - SW-846 3546**

**LCS (B132037-BS1)**

Prepared: 10/02/15 Analyzed: 10/05/15

Aroclor-1016	0.47	0.20	µg/Wipe	0.500		94.5	40-140			
Aroclor-1016 [2C]	0.50	0.20	µg/Wipe	0.500		101	40-140			
Aroclor-1260	0.43	0.20	µg/Wipe	0.500		85.8	40-140			
Aroclor-1260 [2C]	0.46	0.20	µg/Wipe	0.500		91.8	40-140			
Surrogate: Decachlorobiphenyl	1.72		µg/Wipe	2.00		85.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.63		µg/Wipe	2.00		81.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.62		µg/Wipe	2.00		80.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.68		µg/Wipe	2.00		84.2	30-150			

**LCS Dup (B132037-BSD1)**

Prepared: 10/02/15 Analyzed: 10/05/15

Aroclor-1016	0.55	0.20	µg/Wipe	0.500		109	40-140	14.3	30	
Aroclor-1016 [2C]	0.59	0.20	µg/Wipe	0.500		117	40-140	15.1	30	
Aroclor-1260	0.52	0.20	µg/Wipe	0.500		103	40-140	18.4	30	
Aroclor-1260 [2C]	0.54	0.20	µg/Wipe	0.500		109	40-140	17.1	30	
Surrogate: Decachlorobiphenyl	2.07		µg/Wipe	2.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.96		µg/Wipe	2.00		97.8	30-150			
Surrogate: Tetrachloro-m-xylene	1.83		µg/Wipe	2.00		91.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.90		µg/Wipe	2.00		94.8	30-150			

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131917 - SW-846 3546**

**Blank (B131917-BLK1)**

Prepared: 10/01/15 Analyzed: 10/02/15

C9-C18 Aliphatics	ND	10	mg/Kg wet							
C19-C36 Aliphatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
n-Decane	ND	0.10	mg/Kg wet							
n-Docosane	ND	0.10	mg/Kg wet							
n-Dodecane	ND	0.10	mg/Kg wet							
n-Eicosane	ND	0.10	mg/Kg wet							
n-Hexacosane	ND	0.10	mg/Kg wet							
n-Hexadecane	ND	0.10	mg/Kg wet							
n-Hexatriacontane	ND	0.10	mg/Kg wet							
n-Nonadecane	ND	0.10	mg/Kg wet							
n-Nonane	ND	0.10	mg/Kg wet							
n-Octacosane	ND	0.10	mg/Kg wet							
n-Octadecane	ND	0.10	mg/Kg wet							
n-Tetracosane	ND	0.10	mg/Kg wet							
n-Tetradecane	ND	0.10	mg/Kg wet							
n-Triacontane	ND	0.10	mg/Kg wet							
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
Surrogate: Chlorooctadecane (COD)	3.67		mg/Kg wet	4.99		73.6	40-140			
Surrogate: o-Terphenyl (OTP)	4.36		mg/Kg wet	5.00		87.1	40-140			
Surrogate: 2-Bromonaphthalene	4.78		mg/Kg wet	5.00		95.6	40-140			
Surrogate: 2-Fluorobiphenyl	4.79		mg/Kg wet	5.00		95.8	40-140			

**LCS (B131917-BS1)**

Prepared: 10/01/15 Analyzed: 10/02/15

Acenaphthene	3.79	0.10	mg/Kg wet	5.00		75.7	40-140			
Acenaphthylene	3.68	0.10	mg/Kg wet	5.00		73.7	40-140			
Anthracene	4.34	0.10	mg/Kg wet	5.00		86.8	40-140			
Benzo(a)anthracene	3.90	0.10	mg/Kg wet	5.00		78.0	40-140			
Benzo(a)pyrene	3.87	0.10	mg/Kg wet	5.00		77.4	40-140			
Benzo(b)fluoranthene	3.87	0.10	mg/Kg wet	5.00		77.5	40-140			
Benzo(g,h,i)perylene	3.96	0.10	mg/Kg wet	5.00		79.1	40-140			
Benzo(k)fluoranthene	3.86	0.10	mg/Kg wet	5.00		77.2	40-140			
Chrysene	3.90	0.10	mg/Kg wet	5.00		78.0	40-140			
Dibenz(a,h)anthracene	4.01	0.10	mg/Kg wet	5.00		80.2	40-140			

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131917 - SW-846 3546**

**LCS (B131917-BS1)**

Prepared: 10/01/15 Analyzed: 10/02/15

Fluoranthene	3.85	0.10	mg/Kg wet	5.00		77.1	40-140			
Fluorene	3.81	0.10	mg/Kg wet	5.00		76.2	40-140			
Indeno(1,2,3-cd)pyrene	3.87	0.10	mg/Kg wet	5.00		77.4	40-140			
2-Methylnaphthalene	3.70	0.10	mg/Kg wet	5.00		73.9	40-140			
Naphthalene	3.41	0.10	mg/Kg wet	5.00		68.2	40-140			
Phenanthrene	3.83	0.10	mg/Kg wet	5.00		76.6	40-140			
Pyrene	3.86	0.10	mg/Kg wet	5.00		77.1	40-140			
n-Decane	2.89	0.10	mg/Kg wet	5.00		57.8	40-140			
n-Docosane	3.74	0.10	mg/Kg wet	5.00		74.8	40-140			
n-Dodecane	3.38	0.10	mg/Kg wet	5.00		67.6	40-140			
n-Eicosane	3.85	0.10	mg/Kg wet	5.00		77.0	40-140			
n-Hexacosane	3.81	0.10	mg/Kg wet	5.00		76.3	40-140			
n-Hexadecane	3.84	0.10	mg/Kg wet	5.00		76.9	40-140			
n-Hexatriacontane	4.00	0.10	mg/Kg wet	5.00		79.9	40-140			
n-Nonadecane	3.84	0.10	mg/Kg wet	5.00		76.7	40-140			
n-Nonane	2.34	0.10	mg/Kg wet	5.00		46.8	30-140			
n-Octacosane	3.81	0.10	mg/Kg wet	5.00		76.3	40-140			
n-Octadecane	3.86	0.10	mg/Kg wet	5.00		77.3	40-140			
n-Tetracosane	4.11	0.10	mg/Kg wet	5.00		82.2	40-140			
n-Tetradecane	3.64	0.10	mg/Kg wet	5.00		72.8	40-140			
n-Triacontane	3.89	0.10	mg/Kg wet	5.00		77.8	40-140			
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.46		mg/Kg wet	4.99		69.3	40-140			
Surrogate: o-Terphenyl (OTP)	3.97		mg/Kg wet	5.00		79.4	40-140			
Surrogate: 2-Bromonaphthalene	4.60		mg/Kg wet	5.00		92.1	40-140			
Surrogate: 2-Fluorobiphenyl	4.62		mg/Kg wet	5.00		92.4	40-140			

**LCS Dup (B131917-BSD1)**

Prepared: 10/01/15 Analyzed: 10/02/15

Acenaphthene	3.92	0.10	mg/Kg wet	5.00		78.4	40-140	3.43	25	
Acenaphthylene	3.80	0.10	mg/Kg wet	5.00		76.0	40-140	3.05	25	
Anthracene	4.64	0.10	mg/Kg wet	5.00		92.7	40-140	6.55	25	
Benzo(a)anthracene	4.14	0.10	mg/Kg wet	5.00		82.7	40-140	5.89	25	
Benzo(a)pyrene	4.08	0.10	mg/Kg wet	5.00		81.7	40-140	5.38	25	
Benzo(b)fluoranthene	4.10	0.10	mg/Kg wet	5.00		81.9	40-140	5.59	25	
Benzo(g,h,i)perylene	4.10	0.10	mg/Kg wet	5.00		82.1	40-140	3.70	25	
Benzo(k)fluoranthene	4.08	0.10	mg/Kg wet	5.00		81.6	40-140	5.54	25	
Chrysene	4.13	0.10	mg/Kg wet	5.00		82.5	40-140	5.64	25	
Dibenz(a,h)anthracene	4.18	0.10	mg/Kg wet	5.00		83.6	40-140	4.21	25	
Fluoranthene	4.10	0.10	mg/Kg wet	5.00		82.0	40-140	6.24	25	
Fluorene	4.02	0.10	mg/Kg wet	5.00		80.5	40-140	5.49	25	
Indeno(1,2,3-cd)pyrene	4.07	0.10	mg/Kg wet	5.00		81.4	40-140	5.13	25	
2-Methylnaphthalene	3.73	0.10	mg/Kg wet	5.00		74.6	40-140	0.964	25	
Naphthalene	3.42	0.10	mg/Kg wet	5.00		68.3	40-140	0.149	25	
Phenanthrene	4.08	0.10	mg/Kg wet	5.00		81.5	40-140	6.29	25	
Pyrene	4.10	0.10	mg/Kg wet	5.00		82.1	40-140	6.20	25	
n-Decane	3.01	0.10	mg/Kg wet	5.00		60.1	40-140	3.97	25	
n-Docosane	4.06	0.10	mg/Kg wet	5.00		81.1	40-140	8.11	25	
n-Dodecane	3.45	0.10	mg/Kg wet	5.00		69.0	40-140	2.11	25	
n-Eicosane	4.17	0.10	mg/Kg wet	5.00		83.3	40-140	7.91	25	
n-Hexacosane	4.09	0.10	mg/Kg wet	5.00		81.8	40-140	6.96	25	
n-Hexadecane	4.15	0.10	mg/Kg wet	5.00		82.9	40-140	7.60	25	

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131917 - SW-846 3546**

**LCS Dup (B131917-BSD1)**

Prepared: 10/01/15 Analyzed: 10/02/15

n-Hexatriacontane	4.28	0.10	mg/Kg wet	5.00		85.5	40-140	6.76	25	
n-Nonadecane	4.16	0.10	mg/Kg wet	5.00		83.1	40-140	8.03	25	
n-Nonane	2.52	0.10	mg/Kg wet	5.00		50.5	30-140	7.45	25	
n-Octacosane	4.08	0.10	mg/Kg wet	5.00		81.6	40-140	6.70	25	
n-Octadecane	4.19	0.10	mg/Kg wet	5.00		83.8	40-140	8.06	25	
n-Tetracosane	4.43	0.10	mg/Kg wet	5.00		88.6	40-140	7.50	25	
n-Tetradecane	3.85	0.10	mg/Kg wet	5.00		76.9	40-140	5.56	25	
n-Triacontane	4.16	0.10	mg/Kg wet	5.00		83.3	40-140	6.79	25	
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.69		mg/Kg wet	4.99		74.0	40-140			
Surrogate: o-Terphenyl (OTP)	4.19		mg/Kg wet	5.00		83.8	40-140			
Surrogate: 2-Bromonaphthalene	4.63		mg/Kg wet	5.00		92.6	40-140			
Surrogate: 2-Fluorobiphenyl	4.66		mg/Kg wet	5.00		93.3	40-140			

**Matrix Spike (B131917-MS1)**

Source: 1511393-02

Prepared: 10/01/15 Analyzed: 10/02/15

C9-C18 Aliphatics	30.0	11	mg/Kg dry	34.2	8.92	61.6	40-140			
C19-C36 Aliphatics	62.9	11	mg/Kg dry	45.6	10.1	116	40-140			
Acenaphthene	4.68	0.11	mg/Kg dry	5.69	0.00	82.2	40-140			
Acenaphthylene	4.51	0.11	mg/Kg dry	5.69	0.00	79.1	40-140			
Anthracene	5.76	0.11	mg/Kg dry	5.69	0.00	101	40-140			
Benzo(a)anthracene	5.18	0.11	mg/Kg dry	5.69	0.00	90.9	40-140			
Benzo(a)pyrene	5.08	0.11	mg/Kg dry	5.69	0.00	89.2	40-140			
Benzo(b)fluoranthene	5.13	0.11	mg/Kg dry	5.69	0.00	90.0	40-140			
Benzo(g,h,i)perylene	5.06	0.11	mg/Kg dry	5.69	0.00	88.9	40-140			
Benzo(k)fluoranthene	5.08	0.11	mg/Kg dry	5.69	0.00	89.3	40-140			
Chrysene	5.15	0.11	mg/Kg dry	5.69	0.00	90.5	40-140			
Dibenz(a,h)anthracene	5.12	0.11	mg/Kg dry	5.69	0.00	90.0	40-140			
Fluoranthene	5.14	0.11	mg/Kg dry	5.69	0.00	90.2	40-140			
Fluorene	4.89	0.11	mg/Kg dry	5.69	0.00	85.8	40-140			
Indeno(1,2,3-cd)pyrene	4.99	0.11	mg/Kg dry	5.69	0.00	87.7	40-140			
2-Methylnaphthalene	4.43	0.11	mg/Kg dry	5.69	0.00	77.8	40-140			
Naphthalene	4.10	0.11	mg/Kg dry	5.69	0.00	72.0	40-140			
Phenanthrene	5.08	0.11	mg/Kg dry	5.69	0.00	89.1	40-140			
Pyrene	5.14	0.11	mg/Kg dry	5.69	0.00	90.2	40-140			
n-Nonane	2.44	0.11	mg/Kg dry	5.69	0.00	42.9	30-140			
Surrogate: Chlorooctadecane (COD)	3.95		mg/Kg dry	5.68		69.6	40-140			
Surrogate: o-Terphenyl (OTP)	5.18		mg/Kg dry	5.69		91.0	40-140			
Surrogate: 2-Bromonaphthalene	5.52		mg/Kg dry	5.69		96.9	40-140			
Surrogate: 2-Fluorobiphenyl	5.59		mg/Kg dry	5.69		98.2	40-140			

**Matrix Spike Dup (B131917-MSD1)**

Source: 1511393-02

Prepared: 10/01/15 Analyzed: 10/02/15

C9-C18 Aliphatics	34.5	11	mg/Kg dry	34.2	8.92	74.9	40-140	14.2	50	
C19-C36 Aliphatics	62.1	11	mg/Kg dry	45.6	10.1	114	40-140	1.16	50	
Acenaphthene	5.21	0.11	mg/Kg dry	5.69	0.00	91.6	40-140	10.7	50	
Acenaphthylene	5.07	0.11	mg/Kg dry	5.69	0.00	89.1	40-140	11.8	50	
Anthracene	5.96	0.11	mg/Kg dry	5.69	0.00	105	40-140	3.42	50	
Benzo(a)anthracene	5.22	0.11	mg/Kg dry	5.69	0.00	91.7	40-140	0.824	50	
Benzo(a)pyrene	5.10	0.11	mg/Kg dry	5.69	0.00	89.6	40-140	0.412	50	
Benzo(b)fluoranthene	5.14	0.11	mg/Kg dry	5.69	0.00	90.2	40-140	0.158	50	
Benzo(g,h,i)perylene	5.16	0.11	mg/Kg dry	5.69	0.00	90.6	40-140	1.91	50	
Benzo(k)fluoranthene	5.10	0.11	mg/Kg dry	5.69	0.00	89.6	40-140	0.320	50	

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131917 - SW-846 3546**

**Matrix Spike Dup (B131917-MSD1)**

**Source: 1511393-02**

Prepared: 10/01/15 Analyzed: 10/02/15

Chrysene	5.21	0.11	mg/Kg dry	5.69	0.00	91.5	40-140	1.16	50	
Dibenz(a,h)anthracene	5.24	0.11	mg/Kg dry	5.69	0.00	92.0	40-140	2.21	50	
Fluoranthene	5.23	0.11	mg/Kg dry	5.69	0.00	91.9	40-140	1.83	50	
Fluorene	5.24	0.11	mg/Kg dry	5.69	0.00	92.1	40-140	7.01	50	
Indeno(1,2,3-cd)pyrene	5.07	0.11	mg/Kg dry	5.69	0.00	89.0	40-140	1.48	50	
2-Methylnaphthalene	5.13	0.11	mg/Kg dry	5.69	0.00	90.1	40-140	14.7	50	
Naphthalene	4.79	0.11	mg/Kg dry	5.69	0.00	84.2	40-140	15.6	50	
Phenanthrene	5.26	0.11	mg/Kg dry	5.69	0.00	92.4	40-140	3.64	50	
Pyrene	5.24	0.11	mg/Kg dry	5.69	0.00	92.0	40-140	1.87	50	
n-Nonane	3.17	0.11	mg/Kg dry	5.69	0.00	55.7	30-140	26.0	50	
Surrogate: Chlorooctadecane (COD)	4.14		mg/Kg dry	5.68		72.8	40-140			
Surrogate: o-Terphenyl (OTP)	5.17		mg/Kg dry	5.69		90.8	40-140			
Surrogate: 2-Bromonaphthalene	5.56		mg/Kg dry	5.69		97.6	40-140			
Surrogate: 2-Fluorobiphenyl	5.66		mg/Kg dry	5.69		99.4	40-140			

**Batch B132081 - SW-846 3546**

**Blank (B132081-BLK1)**

Prepared: 10/02/15 Analyzed: 10/05/15

C9-C18 Aliphatics	ND	10	mg/Kg wet							
C19-C36 Aliphatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
n-Decane	ND	0.10	mg/Kg wet							
n-Docosane	ND	0.10	mg/Kg wet							
n-Dodecane	ND	0.10	mg/Kg wet							
n-Eicosane	ND	0.10	mg/Kg wet							
n-Hexacosane	ND	0.10	mg/Kg wet							
n-Hexadecane	ND	0.10	mg/Kg wet							
n-Hexatriacontane	ND	0.10	mg/Kg wet							
n-Nonadecane	ND	0.10	mg/Kg wet							
n-Nonane	ND	0.10	mg/Kg wet							
n-Octacosane	ND	0.10	mg/Kg wet							
n-Octadecane	ND	0.10	mg/Kg wet							
n-Tetracosane	ND	0.10	mg/Kg wet							
n-Tetradecane	ND	0.10	mg/Kg wet							
n-Triacontane	ND	0.10	mg/Kg wet							
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132081 - SW-846 3546</b>										
<b>Blank (B132081-BLK1)</b>										
Prepared: 10/02/15 Analyzed: 10/05/15										
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
Surrogate: Chlorooctadecane (COD)	3.25		mg/Kg wet	4.99		65.2	40-140			
Surrogate: o-Terphenyl (OTP)	3.77		mg/Kg wet	5.00		75.3	40-140			
Surrogate: 2-Bromonaphthalene	4.33		mg/Kg wet	5.00		86.6	40-140			
Surrogate: 2-Fluorobiphenyl	4.31		mg/Kg wet	5.00		86.2	40-140			
<b>LCS (B132081-BS1)</b>										
Prepared: 10/02/15 Analyzed: 10/05/15										
Acenaphthene	3.21	0.10	mg/Kg wet	5.00		64.2	40-140			
Acenaphthylene	3.10	0.10	mg/Kg wet	5.00		61.9	40-140			
Anthracene	4.11	0.10	mg/Kg wet	5.00		82.2	40-140			
Benzo(a)anthracene	3.68	0.10	mg/Kg wet	5.00		73.6	40-140			
Benzo(a)pyrene	3.62	0.10	mg/Kg wet	5.00		72.3	40-140			
Benzo(b)fluoranthene	3.63	0.10	mg/Kg wet	5.00		72.6	40-140			
Benzo(g,h,i)perylene	3.63	0.10	mg/Kg wet	5.00		72.5	40-140			
Benzo(k)fluoranthene	3.62	0.10	mg/Kg wet	5.00		72.5	40-140			
Chrysene	3.66	0.10	mg/Kg wet	5.00		73.2	40-140			
Dibenz(a,h)anthracene	3.65	0.10	mg/Kg wet	5.00		73.1	40-140			
Fluoranthene	3.65	0.10	mg/Kg wet	5.00		72.9	40-140			
Fluorene	3.36	0.10	mg/Kg wet	5.00		67.2	40-140			
Indeno(1,2,3-cd)pyrene	3.58	0.10	mg/Kg wet	5.00		71.7	40-140			
2-Methylnaphthalene	3.05	0.10	mg/Kg wet	5.00		61.1	40-140			
Naphthalene	2.85	0.10	mg/Kg wet	5.00		57.0	40-140			
Phenanthrene	3.55	0.10	mg/Kg wet	5.00		71.0	40-140			
Pyrene	3.65	0.10	mg/Kg wet	5.00		73.0	40-140			
n-Decane	2.40	0.10	mg/Kg wet	5.00		47.9	40-140			
n-Docosane	3.45	0.10	mg/Kg wet	5.00		69.0	40-140			
n-Dodecane	2.70	0.10	mg/Kg wet	5.00		53.9	40-140			
n-Eicosane	3.55	0.10	mg/Kg wet	5.00		71.0	40-140			
n-Hexacosane	3.49	0.10	mg/Kg wet	5.00		69.9	40-140			
n-Hexadecane	3.42	0.10	mg/Kg wet	5.00		68.4	40-140			
n-Hexatriacontane	3.64	0.10	mg/Kg wet	5.00		72.7	40-140			
n-Nonadecane	3.54	0.10	mg/Kg wet	5.00		70.8	40-140			
n-Nonane	1.99	0.10	mg/Kg wet	5.00		39.8	30-140			
n-Octacosane	3.49	0.10	mg/Kg wet	5.00		69.8	40-140			
n-Octadecane	3.55	0.10	mg/Kg wet	5.00		71.1	40-140			
n-Tetracosane	3.77	0.10	mg/Kg wet	5.00		75.5	40-140			
n-Tetradecane	3.06	0.10	mg/Kg wet	5.00		61.2	40-140			
n-Triacontane	3.54	0.10	mg/Kg wet	5.00		70.9	40-140			
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.06		mg/Kg wet	4.99		61.4	40-140			
Surrogate: o-Terphenyl (OTP)	3.85		mg/Kg wet	5.00		77.1	40-140			
Surrogate: 2-Bromonaphthalene	4.14		mg/Kg wet	5.00		82.8	40-140			
Surrogate: 2-Fluorobiphenyl	4.15		mg/Kg wet	5.00		83.0	40-140			

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132081 - SW-846 3546**

**LCS Dup (B132081-BSD1)**

Prepared: 10/02/15 Analyzed: 10/05/15

Acenaphthene	3.34	0.10	mg/Kg wet	5.00		66.8	40-140	4.03	25	
Acenaphthylene	3.23	0.10	mg/Kg wet	5.00		64.7	40-140	4.38	25	
Anthracene	3.99	0.10	mg/Kg wet	5.00		79.8	40-140	2.86	25	
Benzo(a)anthracene	3.54	0.10	mg/Kg wet	5.00		70.7	40-140	3.90	25	
Benzo(a)pyrene	3.48	0.10	mg/Kg wet	5.00		69.7	40-140	3.76	25	
Benzo(b)fluoranthene	3.51	0.10	mg/Kg wet	5.00		70.1	40-140	3.50	25	
Benzo(g,h,i)perylene	3.51	0.10	mg/Kg wet	5.00		70.2	40-140	3.26	25	
Benzo(k)fluoranthene	3.48	0.10	mg/Kg wet	5.00		69.6	40-140	4.10	25	
Chrysene	3.52	0.10	mg/Kg wet	5.00		70.4	40-140	3.98	25	
Dibenz(a,h)anthracene	3.57	0.10	mg/Kg wet	5.00		71.4	40-140	2.25	25	
Fluoranthene	3.52	0.10	mg/Kg wet	5.00		70.4	40-140	3.55	25	
Fluorene	3.43	0.10	mg/Kg wet	5.00		68.6	40-140	2.10	25	
Indeno(1,2,3-cd)pyrene	3.47	0.10	mg/Kg wet	5.00		69.4	40-140	3.17	25	
2-Methylnaphthalene	3.16	0.10	mg/Kg wet	5.00		63.3	40-140	3.55	25	
Naphthalene	2.88	0.10	mg/Kg wet	5.00		57.6	40-140	0.974	25	
Phenanthrene	3.49	0.10	mg/Kg wet	5.00		69.8	40-140	1.68	25	
Pyrene	3.52	0.10	mg/Kg wet	5.00		70.4	40-140	3.58	25	
n-Decane	2.36	0.10	mg/Kg wet	5.00		47.2	40-140	1.43	25	
n-Docosane	3.34	0.10	mg/Kg wet	5.00		66.9	40-140	3.14	25	
n-Dodecane	2.85	0.10	mg/Kg wet	5.00		57.1	40-140	5.65	25	
n-Eicosane	3.51	0.10	mg/Kg wet	5.00		70.2	40-140	1.02	25	
n-Hexacosane	3.42	0.10	mg/Kg wet	5.00		68.4	40-140	2.18	25	
n-Hexadecane	3.47	0.10	mg/Kg wet	5.00		69.3	40-140	1.41	25	
n-Hexatriacontane	3.55	0.10	mg/Kg wet	5.00		71.1	40-140	2.28	25	
n-Nonadecane	3.50	0.10	mg/Kg wet	5.00		70.0	40-140	1.21	25	
n-Nonane	1.80	0.10	mg/Kg wet	5.00		36.0	30-140	9.90	25	
n-Octacosane	3.41	0.10	mg/Kg wet	5.00		68.2	40-140	2.34	25	
n-Octadecane	3.52	0.10	mg/Kg wet	5.00		70.5	40-140	0.851	25	
n-Tetracosane	3.71	0.10	mg/Kg wet	5.00		74.1	40-140	1.84	25	
n-Tetradecane	3.18	0.10	mg/Kg wet	5.00		63.5	40-140	3.69	25	
n-Triacontane	3.47	0.10	mg/Kg wet	5.00		69.4	40-140	2.09	25	
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	3.19		mg/Kg wet	4.99		63.8	40-140			
Surrogate: o-Terphenyl (OTP)	3.71		mg/Kg wet	5.00		74.2	40-140			
Surrogate: 2-Bromonaphthalene	4.57		mg/Kg wet	5.00		91.5	40-140			
Surrogate: 2-Fluorobiphenyl	4.55		mg/Kg wet	5.00		91.1	40-140			

**Batch B132157 - SW-846 3546**

**Blank (B132157-BLK1)**

Prepared: 10/05/15 Analyzed: 10/06/15

C9-C18 Aliphatics	ND	10	mg/Kg wet							
C19-C36 Aliphatics	ND	10	mg/Kg wet							
C11-C22 Aromatics	ND	10	mg/Kg wet							
Acenaphthene	ND	0.10	mg/Kg wet							
Acenaphthylene	ND	0.10	mg/Kg wet							
Anthracene	ND	0.10	mg/Kg wet							
Benzo(a)anthracene	ND	0.10	mg/Kg wet							
Benzo(a)pyrene	ND	0.10	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.10	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.10	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.10	mg/Kg wet							
Chrysene	ND	0.10	mg/Kg wet							

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132157 - SW-846 3546**

**Blank (B132157-BLK1)**

Prepared: 10/05/15 Analyzed: 10/06/15

Dibenz(a,h)anthracene	ND	0.10	mg/Kg wet							
Fluoranthene	ND	0.10	mg/Kg wet							
Fluorene	ND	0.10	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.10	mg/Kg wet							
2-Methylnaphthalene	ND	0.10	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
Phenanthrene	ND	0.10	mg/Kg wet							
Pyrene	ND	0.10	mg/Kg wet							
n-Decane	ND	0.10	mg/Kg wet							
n-Docosane	ND	0.10	mg/Kg wet							
n-Dodecane	ND	0.10	mg/Kg wet							
n-Eicosane	ND	0.10	mg/Kg wet							
n-Hexacosane	ND	0.10	mg/Kg wet							
n-Hexadecane	ND	0.10	mg/Kg wet							
n-Hexatriacontane	ND	0.10	mg/Kg wet							
n-Nonadecane	ND	0.10	mg/Kg wet							
n-Nonane	ND	0.10	mg/Kg wet							
n-Octacosane	ND	0.10	mg/Kg wet							
n-Octadecane	ND	0.10	mg/Kg wet							
n-Tetracosane	ND	0.10	mg/Kg wet							
n-Tetradecane	ND	0.10	mg/Kg wet							
n-Triacontane	ND	0.10	mg/Kg wet							
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet							
Surrogate: Chlorooctadecane (COD)	3.02		mg/Kg wet	4.99		60.5	40-140			
Surrogate: o-Terphenyl (OTP)	3.15		mg/Kg wet	5.00		63.0	40-140			
Surrogate: 2-Bromonaphthalene	3.70		mg/Kg wet	5.00		74.0	40-140			
Surrogate: 2-Fluorobiphenyl	3.73		mg/Kg wet	5.00		74.7	40-140			

**LCS (B132157-BS1)**

Prepared: 10/05/15 Analyzed: 10/06/15

Acenaphthene	2.97	0.10	mg/Kg wet	5.00		59.4	40-140			
Acenaphthylene	2.88	0.10	mg/Kg wet	5.00		57.7	40-140			
Anthracene	3.56	0.10	mg/Kg wet	5.00		71.2	40-140			
Benzo(a)anthracene	3.24	0.10	mg/Kg wet	5.00		64.9	40-140			
Benzo(a)pyrene	3.21	0.10	mg/Kg wet	5.00		64.2	40-140			
Benzo(b)fluoranthene	3.23	0.10	mg/Kg wet	5.00		64.5	40-140			
Benzo(g,h,i)perylene	3.27	0.10	mg/Kg wet	5.00		65.4	40-140			
Benzo(k)fluoranthene	3.21	0.10	mg/Kg wet	5.00		64.1	40-140			
Chrysene	3.23	0.10	mg/Kg wet	5.00		64.6	40-140			
Dibenz(a,h)anthracene	3.31	0.10	mg/Kg wet	5.00		66.2	40-140			
Fluoranthene	3.18	0.10	mg/Kg wet	5.00		63.7	40-140			
Fluorene	3.01	0.10	mg/Kg wet	5.00		60.2	40-140			
Indeno(1,2,3-cd)pyrene	3.22	0.10	mg/Kg wet	5.00		64.3	40-140			
2-Methylnaphthalene	2.88	0.10	mg/Kg wet	5.00		57.6	40-140			
Naphthalene	2.67	0.10	mg/Kg wet	5.00		53.4	40-140			
Phenanthrene	3.14	0.10	mg/Kg wet	5.00		62.8	40-140			
Pyrene	3.19	0.10	mg/Kg wet	5.00		63.8	40-140			
n-Decane	2.33	0.10	mg/Kg wet	5.00		46.6	40-140			
n-Docosane	3.24	0.10	mg/Kg wet	5.00		64.9	40-140			
n-Dodecane	2.75	0.10	mg/Kg wet	5.00		55.1	40-140			
n-Eicosane	3.35	0.10	mg/Kg wet	5.00		67.1	40-140			
n-Hexacosane	3.26	0.10	mg/Kg wet	5.00		65.2	40-140			

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - EPH - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132157 - SW-846 3546</b>										
<b>LCS (B132157-BS1)</b>										
					Prepared: 10/05/15 Analyzed: 10/06/15					
n-Hexadecane	3.24	0.10	mg/Kg wet	5.00		64.7	40-140			
n-Hexatriacontane	3.43	0.10	mg/Kg wet	5.00		68.6	40-140			
n-Nonadecane	3.33	0.10	mg/Kg wet	5.00		66.6	40-140			
n-Nonane	1.81	0.10	mg/Kg wet	5.00		36.3	30-140			
n-Octacosane	3.25	0.10	mg/Kg wet	5.00		65.0	40-140			
n-Octadecane	3.33	0.10	mg/Kg wet	5.00		66.7	40-140			
n-Tetracosane	3.54	0.10	mg/Kg wet	5.00		70.8	40-140			
n-Tetradecane	2.98	0.10	mg/Kg wet	5.00		59.6	40-140			
n-Triacontane	3.32	0.10	mg/Kg wet	5.00		66.3	40-140			
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	2.96		mg/Kg wet	4.99		59.3	40-140			
Surrogate: o-Terphenyl (OTP)	3.20		mg/Kg wet	5.00		63.9	40-140			
Surrogate: 2-Bromonaphthalene	3.83		mg/Kg wet	5.00		76.5	40-140			
Surrogate: 2-Fluorobiphenyl	3.84		mg/Kg wet	5.00		76.8	40-140			
<b>LCS Dup (B132157-BSD1)</b>										
					Prepared: 10/05/15 Analyzed: 10/06/15					
Acenaphthene	2.76	0.10	mg/Kg wet	5.00		55.3	40-140	7.24	25	
Acenaphthylene	2.66	0.10	mg/Kg wet	5.00		53.1	40-140	8.19	25	
Anthracene	3.46	0.10	mg/Kg wet	5.00		69.1	40-140	2.98	25	
Benzo(a)anthracene	3.14	0.10	mg/Kg wet	5.00		62.9	40-140	3.11	25	
Benzo(a)pyrene	3.11	0.10	mg/Kg wet	5.00		62.2	40-140	3.15	25	
Benzo(b)fluoranthene	3.13	0.10	mg/Kg wet	5.00		62.6	40-140	3.05	25	
Benzo(g,h,i)perylene	3.08	0.10	mg/Kg wet	5.00		61.5	40-140	6.16	25	
Benzo(k)fluoranthene	3.10	0.10	mg/Kg wet	5.00		62.1	40-140	3.21	25	
Chrysene	3.13	0.10	mg/Kg wet	5.00		62.5	40-140	3.19	25	
Dibenz(a,h)anthracene	3.12	0.10	mg/Kg wet	5.00		62.5	40-140	5.84	25	
Fluoranthene	3.10	0.10	mg/Kg wet	5.00		61.9	40-140	2.78	25	
Fluorene	2.89	0.10	mg/Kg wet	5.00		57.8	40-140	4.07	25	
Indeno(1,2,3-cd)pyrene	3.09	0.10	mg/Kg wet	5.00		61.8	40-140	4.07	25	
2-Methylnaphthalene	2.59	0.10	mg/Kg wet	5.00		51.8	40-140	10.6	25	
Naphthalene	2.37	0.10	mg/Kg wet	5.00		47.3	40-140	12.0	25	
Phenanthrene	3.04	0.10	mg/Kg wet	5.00		60.7	40-140	3.32	25	
Pyrene	3.10	0.10	mg/Kg wet	5.00		61.9	40-140	2.98	25	
<b>n-Decane</b>	1.91	0.10	mg/Kg wet	5.00		<b>38.1</b>	* 40-140	20.0	25	L-07
n-Docosane	2.98	0.10	mg/Kg wet	5.00		59.5	40-140	8.55	25	
n-Dodecane	2.32	0.10	mg/Kg wet	5.00		46.3	40-140	17.3	25	
n-Eicosane	3.11	0.10	mg/Kg wet	5.00		62.2	40-140	7.52	25	
n-Hexacosane	3.06	0.10	mg/Kg wet	5.00		61.2	40-140	6.34	25	
n-Hexadecane	3.03	0.10	mg/Kg wet	5.00		60.5	40-140	6.72	25	
n-Hexatriacontane	3.24	0.10	mg/Kg wet	5.00		64.8	40-140	5.66	25	
n-Nonadecane	3.11	0.10	mg/Kg wet	5.00		62.1	40-140	6.98	25	
<b>n-Nonane</b>	1.42	0.10	mg/Kg wet	5.00		<b>28.4</b>	* 30-140	24.5	25	L-07
n-Octacosane	3.05	0.10	mg/Kg wet	5.00		61.1	40-140	6.17	25	
n-Octadecane	3.13	0.10	mg/Kg wet	5.00		62.6	40-140	6.39	25	
n-Tetracosane	3.31	0.10	mg/Kg wet	5.00		66.1	40-140	6.89	25	
n-Tetradecane	2.65	0.10	mg/Kg wet	5.00		53.0	40-140	11.8	25	
n-Triacontane	3.13	0.10	mg/Kg wet	5.00		62.5	40-140	5.89	25	
Naphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	0.10	mg/Kg wet	5.00			0-5			
Surrogate: Chlorooctadecane (COD)	2.75		mg/Kg wet	4.99		55.1	40-140			
Surrogate: o-Terphenyl (OTP)	3.12		mg/Kg wet	5.00		62.3	40-140			

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132157 - SW-846 3546**

**LCS Dup (B132157-BSD1)**

Prepared: 10/05/15 Analyzed: 10/06/15

Surrogate: 2-Bromonaphthalene	3.73		mg/Kg wet	5.00		74.6	40-140			
Surrogate: 2-Fluorobiphenyl	3.73		mg/Kg wet	5.00		74.5	40-140			

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132008 - MA VPH**

**Blank (B132008-BLK1)**

Prepared: 10/01/15 Analyzed: 10/02/15

C5-C8 Aliphatics	ND	10	mg/Kg wet							
C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C10 Aromatics	ND	10	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Butylcyclohexane	ND	0.050	mg/Kg wet							
Decane	ND	0.050	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
2-Methylpentane	ND	0.050	mg/Kg wet							
Naphthalene	ND	0.50	mg/Kg wet							
Nonane	ND	0.050	mg/Kg wet							
Pentane	ND	0.050	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
2,2,4-Trimethylpentane	ND	0.050	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 2,5-Dibromotoluene (FID)	3.16		mg/Kg wet	3.33		94.9	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	2.93		mg/Kg wet	3.33		88.0	70-130			

**LCS (B132008-BS1)**

Prepared: 10/01/15 Analyzed: 10/02/15

Benzene	0.0898	0.0010	mg/Kg wet	0.100		89.8	70-130			
Butylcyclohexane	0.0859	0.0010	mg/Kg wet	0.100		85.9	70-130			
Decane	0.0966	0.0010	mg/Kg wet	0.100		96.6	70-130			
Ethylbenzene	0.0888	0.0010	mg/Kg wet	0.100		88.8	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0975	0.0010	mg/Kg wet	0.100		97.5	70-130			
2-Methylpentane	0.0845	0.0010	mg/Kg wet	0.100		84.5	70-130			
Naphthalene	0.121	0.010	mg/Kg wet	0.100		121	70-130			
Nonane	0.0882	0.0010	mg/Kg wet	0.100		88.2	30-130			
Pentane	0.0801	0.0010	mg/Kg wet	0.100		80.1	70-130			
Toluene	0.0891	0.0010	mg/Kg wet	0.100		89.1	70-130			
1,2,4-Trimethylbenzene	0.0959	0.0010	mg/Kg wet	0.100		95.9	70-130			
2,2,4-Trimethylpentane	0.0993	0.0010	mg/Kg wet	0.100		99.3	70-130			
m+p Xylene	0.181	0.0020	mg/Kg wet	0.200		90.6	70-130			
o-Xylene	0.0927	0.0010	mg/Kg wet	0.100		92.7	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	0.0506		mg/Kg wet	0.0400		126	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0458		mg/Kg wet	0.0400		115	70-130			

**LCS Dup (B132008-BSD1)**

Prepared: 10/01/15 Analyzed: 10/02/15

Benzene	0.0887	0.0010	mg/Kg wet	0.100		88.7	70-130	1.25	25	
Butylcyclohexane	0.0851	0.0010	mg/Kg wet	0.100		85.1	70-130	0.982	25	
Decane	0.0960	0.0010	mg/Kg wet	0.100		96.0	70-130	0.649	25	
Ethylbenzene	0.0878	0.0010	mg/Kg wet	0.100		87.8	70-130	1.05	25	
Methyl tert-Butyl Ether (MTBE)	0.0964	0.0010	mg/Kg wet	0.100		96.4	70-130	1.14	25	
2-Methylpentane	0.0850	0.0010	mg/Kg wet	0.100		85.0	70-130	0.551	25	
Naphthalene	0.122	0.010	mg/Kg wet	0.100		122	70-130	1.02	25	
Nonane	0.0881	0.0010	mg/Kg wet	0.100		88.1	30-130	0.0975	25	
Pentane	0.0782	0.0010	mg/Kg wet	0.100		78.2	70-130	2.33	25	
Toluene	0.0881	0.0010	mg/Kg wet	0.100		88.1	70-130	1.08	25	
1,2,4-Trimethylbenzene	0.0950	0.0010	mg/Kg wet	0.100		95.0	70-130	0.946	25	
2,2,4-Trimethylpentane	0.101	0.0010	mg/Kg wet	0.100		101	70-130	1.31	25	
m+p Xylene	0.179	0.0020	mg/Kg wet	0.200		89.6	70-130	1.11	25	

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132008 - MA VPH**

**LCS Dup (B132008-BSD1)**

Prepared: 10/01/15 Analyzed: 10/02/15

o-Xylene	0.0910	0.0010	mg/Kg wet	0.100		91.0	70-130	1.85	25	
Surrogate: 2,5-Dibromotoluene (FID)	0.0463		mg/Kg wet	0.0400		116	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0418		mg/Kg wet	0.0400		104	70-130			

**Batch B132112 - MA VPH**

**Blank (B132112-BLK1)**

Prepared: 10/02/15 Analyzed: 10/05/15

C5-C8 Aliphatics	ND	10	mg/Kg wet							
C9-C12 Aliphatics	ND	10	mg/Kg wet							
C9-C10 Aromatics	ND	10	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Butylcyclohexane	ND	0.050	mg/Kg wet							
Decane	ND	0.050	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
2-Methylpentane	ND	0.050	mg/Kg wet							
Naphthalene	ND	0.50	mg/Kg wet							
Nonane	ND	0.050	mg/Kg wet							
Pentane	ND	0.050	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
2,2,4-Trimethylpentane	ND	0.050	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 2,5-Dibromotoluene (FID)	3.15		mg/Kg wet	3.33		94.6	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	2.85		mg/Kg wet	3.33		85.5	70-130			

**LCS (B132112-BS1)**

Prepared: 10/02/15 Analyzed: 10/05/15

Benzene	0.0931	0.0010	mg/Kg wet	0.100		93.1	70-130			
Butylcyclohexane	0.0887	0.0010	mg/Kg wet	0.100		88.7	70-130			
Decane	0.100	0.0010	mg/Kg wet	0.100		100	70-130			
Ethylbenzene	0.0923	0.0010	mg/Kg wet	0.100		92.3	70-130			
Methyl tert-Butyl Ether (MTBE)	0.101	0.0010	mg/Kg wet	0.100		101	70-130			
2-Methylpentane	0.0944	0.0010	mg/Kg wet	0.100		94.4	70-130			
Naphthalene	0.122	0.010	mg/Kg wet	0.100		122	70-130			
Nonane	0.0941	0.0010	mg/Kg wet	0.100		94.1	30-130			
Pentane	0.0883	0.0010	mg/Kg wet	0.100		88.3	70-130			
Toluene	0.0925	0.0010	mg/Kg wet	0.100		92.5	70-130			
1,2,4-Trimethylbenzene	0.101	0.0010	mg/Kg wet	0.100		101	70-130			
2,2,4-Trimethylpentane	0.108	0.0010	mg/Kg wet	0.100		108	70-130			
m+p Xylene	0.188	0.0020	mg/Kg wet	0.200		94.2	70-130			
o-Xylene	0.0952	0.0010	mg/Kg wet	0.100		95.2	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	0.0412		mg/Kg wet	0.0400		103	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0396		mg/Kg wet	0.0400		98.9	70-130			

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132112 - MA VPH</b>										
<b>LCS Dup (B132112-BSD1)</b>										
					Prepared: 10/02/15 Analyzed: 10/05/15					
Benzene	0.0918	0.0010	mg/Kg wet	0.100		91.8	70-130	1.41	25	
Butylcyclohexane	0.0888	0.0010	mg/Kg wet	0.100		88.8	70-130	0.177	25	
Decane	0.0997	0.0010	mg/Kg wet	0.100		99.7	70-130	0.306	25	
Ethylbenzene	0.0908	0.0010	mg/Kg wet	0.100		90.8	70-130	1.58	25	
Methyl tert-Butyl Ether (MTBE)	0.101	0.0010	mg/Kg wet	0.100		101	70-130	0.503	25	
2-Methylpentane	0.0901	0.0010	mg/Kg wet	0.100		90.1	70-130	4.71	25	
Naphthalene	0.127	0.010	mg/Kg wet	0.100		127	70-130	3.91	25	
Nonane	0.0927	0.0010	mg/Kg wet	0.100		92.7	30-130	1.53	25	
Pentane	0.0859	0.0010	mg/Kg wet	0.100		85.9	70-130	2.80	25	
Toluene	0.0911	0.0010	mg/Kg wet	0.100		91.1	70-130	1.48	25	
1,2,4-Trimethylbenzene	0.100	0.0010	mg/Kg wet	0.100		100	70-130	0.651	25	
2,2,4-Trimethylpentane	0.105	0.0010	mg/Kg wet	0.100		105	70-130	2.34	25	
m+p Xylene	0.186	0.0020	mg/Kg wet	0.200		92.8	70-130	1.54	25	
o-Xylene	0.0938	0.0010	mg/Kg wet	0.100		93.8	70-130	1.45	25	
Surrogate: 2,5-Dibromotoluene (FID)	0.0417		mg/Kg wet	0.0400		104	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	0.0392		mg/Kg wet	0.0400		98.1	70-130			

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132091 - SW-846 7471</b>										
<b>Blank (B132091-BLK1)</b> Prepared: 10/02/15 Analyzed: 10/06/15										
Mercury	ND	0.025	mg/Kg wet							
<b>LCS (B132091-BS1)</b> Prepared: 10/02/15 Analyzed: 10/06/15										
Mercury	7.31	0.81	mg/Kg wet	7.10		103	73.7-126.3			
<b>LCS Dup (B132091-BSD1)</b> Prepared: 10/02/15 Analyzed: 10/06/15										
Mercury	7.21	0.81	mg/Kg wet	7.10		102	73.7-126.3	1.34	30	
<b>Duplicate (B132091-DUP1)</b> <b>Source: 15I1393-24</b> Prepared: 10/02/15 Analyzed: 10/06/15										
Mercury	ND	0.029	mg/Kg dry		ND			NC	35	
<b>Matrix Spike (B132091-MS1)</b> <b>Source: 15I1393-24</b> Prepared: 10/02/15 Analyzed: 10/06/15										
Mercury	0.214	0.029	mg/Kg dry	0.193	0.0101	106	75-125			
<b>Matrix Spike Dup (B132091-MSD1)</b> <b>Source: 15I1393-24</b> Prepared: 10/02/15 Analyzed: 10/06/15										
Mercury	0.217	0.029	mg/Kg dry	0.194	0.0101	107	75-125	1.50	35	
<b>Batch B132092 - SW-846 7471</b>										
<b>Blank (B132092-BLK1)</b> Prepared: 10/02/15 Analyzed: 10/07/15										
Mercury	ND	0.025	mg/Kg wet							
<b>LCS (B132092-BS1)</b> Prepared: 10/02/15 Analyzed: 10/07/15										
Mercury	6.18	0.77	mg/Kg wet	7.10		87.1	73.7-126.3			
<b>LCS Dup (B132092-BSD1)</b> Prepared: 10/02/15 Analyzed: 10/07/15										
Mercury	5.85	0.79	mg/Kg wet	7.10		82.5	73.7-126.3	5.46	30	
<b>Duplicate (B132092-DUP1)</b> <b>Source: 15I1393-01</b> Prepared: 10/02/15 Analyzed: 10/07/15										
Mercury	ND	0.028	mg/Kg dry		ND			NC	35	
<b>Matrix Spike (B132092-MS1)</b> <b>Source: 15I1393-01</b> Prepared: 10/02/15 Analyzed: 10/07/15										
Mercury	0.201	0.026	mg/Kg dry	0.176	0.0179	104	75-125			
<b>Batch B132242 - SW-846 3050B</b>										
<b>Blank (B132242-BLK1)</b> Prepared: 10/06/15 Analyzed: 10/07/15										
Arsenic	ND	2.4	mg/Kg wet							
Barium	ND	2.4	mg/Kg wet							
Cadmium	ND	0.24	mg/Kg wet							
Chromium	ND	0.49	mg/Kg wet							
Lead	ND	0.73	mg/Kg wet							
Selenium	ND	4.9	mg/Kg wet							
Silver	ND	0.49	mg/Kg wet							

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132242 - SW-846 3050B</b>										
<b>LCS (B132242-BS1)</b>										
					Prepared: 10/06/15 Analyzed: 10/07/15					
Arsenic	91.8	5.3	mg/Kg wet	98.5		93.2	77.8-122.1			
Barium	273	5.3	mg/Kg wet	308		88.7	82-117.4			
Cadmium	140	0.53	mg/Kg wet	146		95.7	81.9-118.2			
Chromium	165	1.1	mg/Kg wet	182		90.7	78.7-120.6			
Lead	110	1.6	mg/Kg wet	130		84.8	82.4-117.8			
Selenium	151	11	mg/Kg wet	154		97.8	77.1-122.3			
Silver	35.1	1.1	mg/Kg wet	40.9		85.7	74.3-125.4			
<b>LCS Dup (B132242-BSD1)</b>										
					Prepared: 10/06/15 Analyzed: 10/07/15					
Arsenic	81.6	5.1	mg/Kg wet	98.5		82.9	77.8-122.1	11.7	30	
<b>Barium</b>	241	5.1	mg/Kg wet	308		<b>78.2</b>	* 82-117.4	12.6	30	L-07
<b>Cadmium</b>	117	0.51	mg/Kg wet	146		<b>80.1</b>	* 81.9-118.2	17.7	30	L-07
Chromium	148	1.0	mg/Kg wet	182		81.2	78.7-120.6	11.1	30	
<b>Lead</b>	101	1.5	mg/Kg wet	130		<b>77.7</b>	* 82.4-117.8	8.73	30	L-07
Selenium	129	10	mg/Kg wet	154		83.9	77.1-122.3	15.3	30	
Silver	31.8	1.0	mg/Kg wet	40.9		77.8	74.3-125.4	9.66	30	
<b>Duplicate (B132242-DUP1)</b>										
			<b>Source: 1511393-24</b>		Prepared: 10/06/15 Analyzed: 10/07/15					
Arsenic	ND	2.8	mg/Kg dry		ND			NC	35	
Barium	23.3	2.8	mg/Kg dry		20.1			14.8	35	
Cadmium	ND	0.28	mg/Kg dry		ND			NC	35	
Chromium	13.9	0.56	mg/Kg dry		15.0			7.13	35	
Lead	13.7	0.85	mg/Kg dry		13.6			0.835	35	
Selenium	ND	5.6	mg/Kg dry		ND			NC	35	
Silver	1.23	0.56	mg/Kg dry		1.45			16.2	35	
<b>MRL Check (B132242-MRL1)</b>										
					Prepared: 10/06/15 Analyzed: 10/07/15					
Lead	0.741	0.70	mg/Kg wet	0.703		105	80-120			
<b>Matrix Spike (B132242-MS1)</b>										
			<b>Source: 1511393-24</b>		Prepared: 10/06/15 Analyzed: 10/07/15					
Arsenic	29.8	2.8	mg/Kg dry	28.4	2.02	97.6	75-125			
Barium	50.9	2.8	mg/Kg dry	28.4	20.1	108	75-125			
Cadmium	27.0	0.28	mg/Kg dry	28.4	ND	94.9	75-125			
Chromium	43.2	0.57	mg/Kg dry	28.4	15.0	99.2	75-125			
Lead	35.4	0.85	mg/Kg dry	28.4	13.6	76.5	75-125			
Selenium	28.4	5.7	mg/Kg dry	28.4	ND	99.9	75-125			
Silver	27.4	0.57	mg/Kg dry	28.4	1.45	91.1	75-125			
<b>Matrix Spike Dup (B132242-MSD1)</b>										
			<b>Source: 1511393-24</b>		Prepared: 10/06/15 Analyzed: 10/07/15					
Arsenic	29.4	2.9	mg/Kg dry	28.6	2.02	95.9	75-125	1.12	35	
Barium	55.9	2.9	mg/Kg dry	28.6	20.1	125	75-125	9.45	35	
Cadmium	27.0	0.29	mg/Kg dry	28.6	ND	94.5	75-125	0.115	35	
Chromium	44.6	0.57	mg/Kg dry	28.6	15.0	104	75-125	3.19	35	
Lead	38.5	0.86	mg/Kg dry	28.6	13.6	87.1	75-125	8.49	35	
Selenium	29.4	5.7	mg/Kg dry	28.6	ND	103	75-125	3.32	35	
Silver	27.4	0.57	mg/Kg dry	28.6	1.45	90.9	75-125	0.256	35	

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**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132248 - SW-846 3050B</b>										
<b>Blank (B132248-BLK1)</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	ND	2.3	mg/Kg wet							
Barium	ND	2.3	mg/Kg wet							
Cadmium	ND	0.23	mg/Kg wet							
Chromium	ND	0.46	mg/Kg wet							
Lead	2.1	0.70	mg/Kg wet							B, B-07
Selenium	ND	4.6	mg/Kg wet							
Silver	ND	0.46	mg/Kg wet							
<b>LCS (B132248-BS1)</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	90.6	5.1	mg/Kg wet	98.5		92.0	77.8-122.1			
Barium	273	5.1	mg/Kg wet	308		88.7	82-117.4			
Cadmium	137	0.51	mg/Kg wet	146		93.6	81.9-118.2			
Chromium	164	1.0	mg/Kg wet	182		90.0	78.7-120.6			
Lead	110	1.5	mg/Kg wet	130		84.3	82.4-117.8			B
Selenium	150	10	mg/Kg wet	154		97.2	77.1-122.3			
Silver	36.4	1.0	mg/Kg wet	40.9		89.0	74.3-125.4			
<b>LCS Dup (B132248-BSD1)</b>										
Prepared & Analyzed: 10/06/15										
Arsenic	92.9	4.9	mg/Kg wet	98.5		94.3	77.8-122.1	2.51	30	
Barium	284	4.9	mg/Kg wet	308		92.1	82-117.4	3.82	30	
Cadmium	133	0.49	mg/Kg wet	146		91.3	81.9-118.2	2.53	30	
Chromium	169	0.99	mg/Kg wet	182		92.7	78.7-120.6	2.93	30	
Lead	117	1.5	mg/Kg wet	130		89.9	82.4-117.8	6.41	30	B
Selenium	150	9.9	mg/Kg wet	154		97.2	77.1-122.3	0.0340	30	
Silver	37.9	0.99	mg/Kg wet	40.9		92.6	74.3-125.4	3.97	30	
<b>MRL Check (B132248-MRL1)</b>										
Prepared: 10/06/15 Analyzed: 10/07/15										
Lead	0.775	0.70	mg/Kg wet	0.698		111	80-120			B
<b>Batch B132433 - SW-846 3050B</b>										
<b>Blank (B132433-BLK1)</b>										
Prepared: 10/07/15 Analyzed: 10/08/15										
Lead	ND	0.75	mg/Kg wet							
<b>LCS (B132433-BS1)</b>										
Prepared: 10/07/15 Analyzed: 10/08/15										
Lead	113	1.6	mg/Kg wet	130		86.9	82.4-117.8			
<b>LCS Dup (B132433-BSD1)</b>										
Prepared: 10/07/15 Analyzed: 10/08/15										
Lead	106	1.6	mg/Kg wet	130		<b>81.3</b>	* 82.4-117.8	6.67	30	L-07
<b>Duplicate (B132433-DUP1)</b>										
<b>Source: 1511393-02RE1</b>										
Prepared: 10/07/15 Analyzed: 10/08/15										
Lead	3.03	0.85	mg/Kg dry			3.26		7.37	35	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Metals Analyses (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132433 - SW-846 3050B</b>										
<b>MRL Check (B132433-MRL1)</b>					Prepared: 10/07/15 Analyzed: 10/08/15					
Lead	0.755	0.74	mg/Kg wet	0.744		101	80-120			
<b>Matrix Spike (B132433-MS1)</b>					Source: 1511393-02RE1 Prepared: 10/07/15 Analyzed: 10/08/15					
Lead	27.3	0.85	mg/Kg dry	28.4	3.26	84.6	75-125			

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**QUALITY CONTROL**

**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B131956 - % Solids**

**Duplicate (B131956-DUP7)**

**Source: 1511393-24**

Prepared: 10/01/15 Analyzed: 10/02/15

% Solids	85.5		% Wt		85.1			0.469	20	
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**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**

**SB-10 (0.5-4)**

*SW-846 8082A*

Lab Sample ID: 15I1393-19 Date(s) Analyzed: 10/04/2015 10/04/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: \_\_\_\_\_ (mm) GC Column (2): ID: \_\_\_\_\_ (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1260	1	0.00	0.00	0.00	0.033	
	2	0.00	0.00	0.00	0.031	6.3

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**

**SB-10 (4-8)**

*SW-846 8082A*

Lab Sample ID: 15I1393-20 Date(s) Analyzed: 10/04/2015 10/04/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1248	1	0.00	0.00	0.00	0.036	
	2	0.00	0.00	0.00	0.035	3.7

**IDENTIFICATION SUMMARY  
FOR SINGLE COMPONENT ANALYTES**

PCB-1

*SW-846 8082A*

Lab Sample ID: 15I1393-22 Date(s) Analyzed: 10/05/2015 10/05/2015

Instrument ID (1): \_\_\_\_\_ Instrument ID (2): \_\_\_\_\_

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
Aroclor-1248	1	0.00	0.00	0.00	0.23	
	2	0.00	0.00	0.00	0.22	2.7

















**FLAG/QUALIFIER SUMMARY**

- \* QC result is outside of established limits.
  - † Wide recovery limits established for difficult compound.
  - ‡ Wide RPD limits established for difficult compound.
  - # Data exceeded client recommended or regulatory level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.  
No results have been blank subtracted unless specified in the case narrative section.
- B Analyte is found in the associated blank as well as in the sample.
  - B-07 Data is not affected by elevated level in blank since sample result is >10x level found in the blank.
  - L-04 Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
  - L-06 Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the high side.
  - L-07 Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
  - MS-09 Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
  - MS-22 Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
  - O-01 Soil/methanol ratio does not meet method specifications. Excess amount of soil. Sample was completely covered with methanol, but with less than the method-specified amount.
  - O-02 Soil/methanol ratio does not meet method specifications. Insufficient amount of soil. Data validation is not affected since a sufficient amount of preservative is present. Detection limits may be above useful levels.
  - O-04 Sample fingerprint does not match standard exactly. Sample was quantitated against the closest matching standard.
  - R-06 Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
  - RL-05 Elevated reporting limit due to high concentration of target compounds. MA CAM reporting limit not met.
  - RL-11 Elevated reporting limit due to high concentration of target compounds.
  - S-17 Surrogate recovery is outside of control limits. Data validation is not affected since all associated results are less than the reporting limit and bias is on the high side.
  - V-04 Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
  - V-05 Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
  - V-06 Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
  - V-16 Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
  - V-19 Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99. Reduced precision and accuracy may be associated with reported result.
  - V-20 Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b>MADEP-EPH-04-1.1 in Soil</b>	
C9-C18 Aliphatics	CT,NC,WA,ME,NH-P
C19-C36 Aliphatics	CT,NC,WA,ME,NH-P
C11-C22 Aromatics	CT,NC,WA,ME,NH-P
Acenaphthene	CT,NC,WA,ME,NH-P
Acenaphthylene	CT,NC,WA,ME,NH-P
Anthracene	CT,NC,WA,ME,NH-P
Benzo(a)anthracene	CT,NC,WA,ME,NH-P
Benzo(a)pyrene	CT,NC,WA,ME,NH-P
Benzo(b)fluoranthene	CT,NC,WA,ME,NH-P
Benzo(g,h,i)perylene	CT,NC,WA,ME,NH-P
Benzo(k)fluoranthene	CT,NC,WA,ME,NH-P
Chrysene	CT,NC,WA,ME,NH-P
Dibenz(a,h)anthracene	CT,NC,WA,ME,NH-P
Fluoranthene	CT,NC,WA,ME,NH-P
Fluorene	CT,NC,WA,ME
Indeno(1,2,3-cd)pyrene	CT,NC,WA,ME,NH-P
2-Methylnaphthalene	CT,NC,WA,ME
Naphthalene	CT,NC,WA,ME,NH-P
Phenanthrene	CT,NC,WA,ME,NH-P
Pyrene	CT,NC,WA,ME,NH-P
<b>MADEP-VPH-04-1.1 in Soil</b>	
C5-C8 Aliphatics	CT,NC,WA,ME,NH-P
C9-C12 Aliphatics	CT,NC,WA,ME,NH-P
C9-C10 Aromatics	CT,NC,WA,ME,NH-P
Benzene	CT,NC,WA,ME,NH-P
Ethylbenzene	CT,NC,WA,ME,NH-P
Methyl tert-Butyl Ether (MTBE)	CT,NC,WA,ME,NH-P
Naphthalene	CT,NC,WA,ME,NH-P
Toluene	CT,NC,WA,ME,NH-P
m+p Xylene	CT,NC,WA,ME,NH-P
o-Xylene	CT,NC,WA,ME,NH-P
<b>SW-846 6010C in Soil</b>	
Arsenic	CT,NH,NY,ME,NC,VA,NJ
Barium	CT,NH,NY,ME,NC,VA,NJ
Cadmium	CT,NH,NY,ME,NC,VA,NJ
Chromium	CT,NH,NY,ME,NC,VA,NJ
Lead	CT,NH,NY,AIHA,ME,NC,VA,NJ
Selenium	CT,NH,NY,ME,NC,VA,NJ
Silver	CT,NH,NY,ME,NC,VA,NJ
<b>SW-846 7471B in Soil</b>	
Mercury	CT,NH,NY,NC,ME,VA,NJ
<b>SW-846 8082A in Soil</b>	
Aroclor-1016	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1221	CT,NH,NY,NC,ME,VA,NJ

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8082A in Soil</i></b>	
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1262	NY,NC
Aroclor-1262 [2C]	NY,NC
Aroclor-1268	NY,NC
Aroclor-1268 [2C]	NY,NC

<b><i>SW-846 8260C in Soil</i></b>	
Acetone	CT,NH,NY,ME,VA,NJ
Acetone	CT,NH,NY,ME,VA,NJ
Acrylonitrile	CT,NH,NY,ME,VA,NJ
Acrylonitrile	CT,NH,NY,ME,VA,NJ
Benzene	CT,NH,NY,ME,VA,NJ
Benzene	CT,NH,NY,ME,VA,NJ
Bromobenzene	NH,NY,ME,VA,NJ
Bromobenzene	NH,NY,ME,VA,NJ
Bromochloromethane	NH,NY,ME,VA,NJ
Bromochloromethane	NH,NY,ME,VA,NJ
Bromodichloromethane	CT,NH,NY,ME,VA,NJ
Bromodichloromethane	CT,NH,NY,ME,VA,NJ
Bromoform	CT,NH,NY,ME,VA,NJ
Bromoform	CT,NH,NY,ME,VA,NJ
Bromomethane	CT,NH,NY,ME,VA,NJ
Bromomethane	CT,NH,NY,ME,VA,NJ
2-Butanone (MEK)	CT,NH,NY,ME,VA,NJ
2-Butanone (MEK)	CT,NH,NY,ME,VA,NJ
n-Butylbenzene	CT,NH,NY,ME,VA,NJ
n-Butylbenzene	CT,NH,NY,ME,VA,NJ
sec-Butylbenzene	CT,NH,NY,ME,VA,NJ
sec-Butylbenzene	CT,NH,NY,ME,VA,NJ
tert-Butylbenzene	CT,NH,NY,ME,VA,NJ
tert-Butylbenzene	CT,NH,NY,ME,VA,NJ
Carbon Disulfide	CT,NH,NY,ME,VA,NJ
Carbon Disulfide	CT,NH,NY,ME,VA,NJ
Carbon Tetrachloride	CT,NH,NY,ME,VA,NJ
Carbon Tetrachloride	CT,NH,NY,ME,VA,NJ
Chlorobenzene	CT,NH,NY,ME,VA,NJ
Chlorobenzene	CT,NH,NY,ME,VA,NJ

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Chlorodibromomethane	CT,NH,NY,ME,VA,NJ
Chlorodibromomethane	CT,NH,NY,ME,VA,NJ
Chloroethane	CT,NH,NY,ME,VA,NJ
Chloroethane	CT,NH,NY,ME,VA,NJ
Chloroform	CT,NH,NY,ME,VA,NJ
Chloroform	CT,NH,NY,ME,VA,NJ
Chloromethane	CT,NH,NY,ME,VA,NJ
Chloromethane	CT,NH,NY,ME,VA,NJ
2-Chlorotoluene	CT,NH,NY,ME,VA,NJ
2-Chlorotoluene	CT,NH,NY,ME,VA,NJ
4-Chlorotoluene	CT,NH,NY,ME,VA,NJ
4-Chlorotoluene	CT,NH,NY,ME,VA,NJ
Dibromomethane	NH,NY,ME,VA,NJ
Dibromomethane	NH,NY,ME,VA,NJ
1,2-Dichlorobenzene	CT,NH,NY,ME,VA,NJ
1,2-Dichlorobenzene	CT,NH,NY,ME,VA,NJ
1,3-Dichlorobenzene	CT,NH,NY,ME,VA,NJ
1,3-Dichlorobenzene	CT,NH,NY,ME,VA,NJ
1,4-Dichlorobenzene	CT,NH,NY,ME,VA,NJ
1,4-Dichlorobenzene	CT,NH,NY,ME,VA,NJ
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA,NJ
Dichlorodifluoromethane (Freon 12)	NY,ME,VA,NJ
1,1-Dichloroethane	CT,NH,NY,ME,VA,NJ
1,1-Dichloroethane	CT,NH,NY,ME,VA,NJ
1,2-Dichloroethane	CT,NH,NY,ME,VA,NJ
1,2-Dichloroethane	CT,NH,NY,ME,VA,NJ
1,1-Dichloroethylene	CT,NH,NY,ME,VA,NJ
1,1-Dichloroethylene	CT,NH,NY,ME,VA,NJ
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA,NJ
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA,NJ
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA,NJ
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA,NJ
1,2-Dichloropropane	CT,NH,NY,ME,VA,NJ
1,2-Dichloropropane	CT,NH,NY,ME,VA,NJ
1,3-Dichloropropane	NH,NY,ME,VA,NJ
1,3-Dichloropropane	NH,NY,ME,VA,NJ
2,2-Dichloropropane	NH,NY,ME,VA,NJ
2,2-Dichloropropane	NH,NY,ME,VA,NJ
1,1-Dichloropropene	NH,NY,ME,VA,NJ
1,1-Dichloropropene	NH,NY,ME,VA,NJ
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA,NJ
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA,NJ
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA,NJ
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA,NJ
1,4-Dioxane	NJ
Ethylbenzene	CT,NH,NY,ME,VA,NJ
Ethylbenzene	CT,NH,NY,ME,VA,NJ

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Hexachlorobutadiene	NH,NY,ME,VA,NJ
Hexachlorobutadiene	NH,NY,ME,VA,NJ
2-Hexanone (MBK)	CT,NH,NY,ME,VA,NJ
2-Hexanone (MBK)	CT,NH,NY,ME,VA,NJ
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA,NJ
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA,NJ
p-Isopropyltoluene (p-Cymene)	NH,NY,NJ
p-Isopropyltoluene (p-Cymene)	NH,NY,NJ
Methyl tert-Butyl Ether (MTBE)	NY,VA,NJ
Methyl tert-Butyl Ether (MTBE)	NY,VA,NJ
Methylene Chloride	CT,NH,NY,ME,VA,NJ
Methylene Chloride	CT,NH,NY,ME,VA,NJ
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA,NJ
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA,NJ
Naphthalene	NH,NY,ME,VA,NJ
Naphthalene	NH,NY,ME,VA,NJ
n-Propylbenzene	NH,NY,NJ
n-Propylbenzene	NH,NY,NJ
Styrene	CT,NH,NY,ME,VA,NJ
Styrene	CT,NH,NY,ME,VA,NJ
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA,NJ
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA,NJ
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA,NJ
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA,NJ
Tetrachloroethylene	CT,NH,NY,ME,VA,NJ
Tetrachloroethylene	CT,NH,NY,ME,VA,NJ
Toluene	CT,NH,NY,ME,VA,NJ
Toluene	CT,NH,NY,ME,VA,NJ
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA,NJ
1,2,4-Trichlorobenzene	NH,NY,ME,VA,NJ
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA,NJ
1,1,1-Trichloroethane	CT,NH,NY,ME,VA,NJ
1,1,2-Trichloroethane	CT,NH,NY,ME,VA,NJ
1,1,2-Trichloroethane	CT,NH,NY,ME,VA,NJ
Trichloroethylene	CT,NH,NY,ME,VA,NJ
Trichloroethylene	CT,NH,NY,ME,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA,NJ
1,2,3-Trichloropropane	NH,NY,ME,VA,NJ
1,2,3-Trichloropropane	NH,NY,ME,VA,NJ
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA,NJ
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA,NJ
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA,NJ
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA,NJ
Vinyl Chloride	CT,NH,NY,ME,VA,NJ

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<b><i>SW-846 8260C in Soil</i></b>	
Vinyl Chloride	CT,NH,NY,ME,VA,NJ
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
<b><i>SW-846 8270D in Soil</i></b>	
Acenaphthene	CT,NY,NH,ME,NC,VA,NJ
Acenaphthylene	CT,NY,NH,ME,NC,VA,NJ
Acetophenone	NY,NH,ME,NC,VA,NJ
Aniline	NY,NH,ME,NC,VA,NJ
Anthracene	CT,NY,NH,ME,NC,VA,NJ
Benzidine	CT,NY,NH,ME,NC,VA,NJ
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA,NJ
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA,NJ
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA,NJ
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA,NJ
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA,NJ
Benzoic Acid	NY,NH,ME,NC,VA,NJ
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA,NJ
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA,NJ
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC,VA,NJ
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA,NJ
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA,NJ
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA,NJ
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA,NJ
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA,NJ
2-Chloronaphthalene	CT,NY,NH,NC,VA,NJ
2-Chlorophenol	CT,NY,NH,ME,NC,VA,NJ
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA,NJ
Chrysene	CT,NY,NH,ME,NC,VA,NJ
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA,NJ
Dibenzofuran	CT,NY,NH,ME,NC,VA,NJ
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA,NJ
1,2-Dichlorobenzene	NY,NH,ME,NC,VA,NJ
1,3-Dichlorobenzene	NY,NH,ME,NC,VA,NJ
1,4-Dichlorobenzene	NY,NH,ME,NC,VA,NJ
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC,VA,NJ
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA,NJ
Diethylphthalate	CT,NY,NH,ME,NC,VA,NJ
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA,NJ
Dimethylphthalate	CT,NY,NH,ME,NC,VA,NJ
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA,NJ
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA,NJ
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA,NJ
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA,NJ

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8270D in Soil</i>	
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA,NJ
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC,VA,NJ
Fluoranthene	CT,NY,NH,ME,NC,VA,NJ
Fluorene	NY,NH,ME,NC,VA,NJ
Hexachlorobenzene	CT,NY,NH,ME,NC,VA,NJ
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA,NJ
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA,NJ
Hexachloroethane	CT,NY,NH,ME,NC,VA,NJ
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA,NJ
Isophorone	CT,NY,NH,ME,NC,VA,NJ
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA,NJ
2-Methylphenol	CT,NY,NH,ME,NC,VA,NJ
3/4-Methylphenol	CT,NY,NH,ME,NC,VA,NJ
Naphthalene	CT,NY,NH,ME,NC,VA,NJ
2-Nitroaniline	CT,NY,NH,ME,NC,VA,NJ
3-Nitroaniline	CT,NY,NH,ME,NC,VA,NJ
4-Nitroaniline	CT,NY,NH,ME,NC,VA,NJ
Nitrobenzene	CT,NY,NH,ME,NC,VA,NJ
2-Nitrophenol	CT,NY,NH,ME,NC,VA,NJ
4-Nitrophenol	CT,NY,NH,ME,NC,VA,NJ
N-Nitrosodimethylamine	CT,NY,NH,ME,NC,VA,NJ
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC,VA,NJ
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA,NJ
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC,VA,NJ
Phenanthrene	CT,NY,NH,ME,NC,VA,NJ
Phenol	CT,NY,NH,ME,NC,VA,NJ
Pyrene	CT,NY,NH,ME,NC,VA,NJ
Pyridine	CT,NY,NH,ME,NC,VA,NJ
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA,NJ
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA,NJ
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA,NJ
2-Fluorophenol	NC

---

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	10/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2016
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2016



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

# CHAIN OF CUSTODY RECORD

39 Spruce Street  
 East Longmeadow, MA 01028

Company Name: TRC  
 Address: 6 Ashley Drive  
Scarborough, ME 04094  
 Attention: Charles Springer  
 Project Location: Wilton, ME  
 Sampled By: Joe Laverriere

Telephone: (207) 274-2615  
 Project #: 233892  
 Client PO#: 20150820

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Fax #: \_\_\_\_\_  
 Email: C.Springer@Resolutions.com

Format:  PDF  EXCEL  GIS  
 OTHER Mass EGAD  
 "Enhanced Data Package"

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Grab	Matrix Code	Conc Date
		Beginning Date/Time	Ending Date/Time				
01	MW-1 (1-2)	9/28	0923	X	X	S	V
02	MW-1 (13-15)	9/28	1000	X	X	S	V
03	MW-2 (0-4)	9/28	1405	X	X	S	V
04	MW-2 (15-16)	9/28	1435	X	X	S	V
05	MW-3 (0-2)	9/28	1620	X	X	S	V
06	MW-3 (12-14)	9/28	1650	X	X	S	V
07	MW-4 (0.5-4)	9/29	1120	X	X	S	V
08	MW-4 (8-10)	9/29	1125	X	X	S	V
09	MW-5 (0.5-3.5)	9/29	0950	X	X	S	V
10	MW-5 (8-10)	9/29	1030	X	X	S	V

Project Proposal Provided? (for billing purposes)  
 yes  proposal date

Comments: \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time: 9/30 11:00

Received by: (signature) \_\_\_\_\_ Date/Time: 1300

Requested by: (signature) \_\_\_\_\_ Date/Time: 1630

Shipped by: (signature) \_\_\_\_\_ Date/Time: 9/30/15 1630

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

Is your project MCP or RCP?  
 MCP Form Required  
 RCP Form Required DI frozen 9/30/15  
 MA State DW Form Required PWSID # 1630

Accredited  
 NELAC & AIHA-LAP, LLC

WBE/DBE Certified

# of Containers	** Preservation	*** Container Code
1	M	V
2	I	V
1	M	O
1	I	A

ANALYSIS REQUESTED

VOC High  
 VOC Low

VPH (Carbon chems only)  
 SVOCs, PCBs, PCRA & METALS,  
 EPH (Carbon chems only)

\*\*\* Cont. Code:  
 A=amber glass  
 G=glass  
 P=plastic  
 ST=sterile  
 V=vial  
 S=summa can  
 T=tedlar bag  
 O=Other

\*\*p preservation  
 I=iced  
 H=HCL  
 M=Methanol  
 N=Nitric Acid  
 S=Sulfuric Acid  
 B=Sodium bisulfate  
 X=Na hydroxide  
 T=Na thiosulfate  
 O=Other NONE

\*Matrix Code:  
 GW=groundwater  
 WW=wastewater  
 DW=drinking water  
 A=air  
 S=soil/solid  
 SL=sludge  
 O=other





Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

# CHAIN OF CUSTODY RECORD

39 Spruce Street  
 East long meadow, MA 01028

Page 3 of 3

Company Name: TRC  
 Address: 6 Ashley Drive Scarborough, ME 04074  
 Attention: Charles Springer  
 Project Location: Forster Mill, Wilton, ME  
 Sampled By: be Laverriere

Telephone: (207) 274-2615  
 Project #: 233392  
 Client PO#: 24150820

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE  
 Fax #: \_\_\_\_\_  
 Email: Springer@Trsdution.com  
 Format:  PDF  EXCEL  OGIS  OTHER Matrix EGAD  
 "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)  
 yes  no  
 proposal date \_\_\_\_\_

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Composite	Matrix Code	Conc Data
		Beginning Date/Time	Ending Date/Time			
<u>21</u>	<u>DUP-6</u>	<u>9/24</u>	<u>1405</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>V</u>
<u>22</u>	<u>PCB-1</u>	<u>9/29</u>	<u>1030</u>	<input checked="" type="checkbox"/>	<u>O</u>	<u>V</u>
<u>23</u>	<u>PCB-FB</u>	<u>9/29</u>	<u>1030</u>	<input checked="" type="checkbox"/>	<u>O</u>	<u>V</u>
<u>24</u>	<u>MMW-2(48)MS/MSD</u>	<u>9/28</u>	<u>1420</u>	<input checked="" type="checkbox"/>	<u>S</u>	<u>V</u>

Comments: \_\_\_\_\_  
 Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) \_\_\_\_\_ Date/Time: 9/30/15 1100

Received by: (signature) \_\_\_\_\_ Date/Time: 9/30/15 1200

Relinquished by: (signature) \_\_\_\_\_ Date/Time: 9/30/15 1630

Received by: (signature) \_\_\_\_\_ Date/Time: 9/30/15 1630

Turnaround <sup>††</sup>  
 7-Day  
 10-Day  
 Other 5  
RUSH  
 24-Hr  48-Hr  
 72-Hr  14-Day  
<sup>†</sup> Require lab approval

Detection Limit Requirements  
 Massachusetts: \_\_\_\_\_  
 Connecticut: \_\_\_\_\_  
 Other: ME RAES

Is your project MCP or RCP?  
 MCP Form Required  
 RCP Form Required DI frozen 9/30/15 1630  
 MA State DW Form Required PWSID # \_\_\_\_\_

Accredited  
 NELAP & AIHA-LAP, LLC  
 WBE/DBE Certified

CHAIN OF CUSTODY RECORD IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

39 Spruce St.  
 East Longmeadow, MA. 01028  
 P: 413-525-2332  
 F: 413-525-6405  
 www.contestlabs.com



### Sample Receipt Checklist

CLIENT NAME: TRC RECEIVED BY: JDI DATE: 9/30/15

- 1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included
- 2) Does the chain agree with the samples? (Yes) No  
 If not, explain:
- 3) Are all the samples in good condition? (Yes) No  
 If not, explain:

4) How were the samples received:  
 On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 5.9

5) Are there Dissolved samples for the lab to filter? Yes (No)  
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)  
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

7) Location where samples are stored: 19  
 Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

### Containers received at Con-Test

	# of containers			# of containers
1 Liter Amber			8 oz amber/clear jar	
500 mL Amber			4 oz amber/clear jar	2
250 mL Amber (8oz amber)			2 oz amber/clear jar	
1 Liter Plastic			Plastic Bag / Ziploc	
500 mL Plastic			SOC Kit	
250 mL plastic			Non-ConTest Container	
40 mL Vial - type listed below	84		Perchlorate Kit	
Colisure / bacteria bottle			Flashpoint bottle	
Dissolved Oxygen bottle			Other glass jar 16oz	22
Encore			Other	

Laboratory Comments:

40 mL vials: # HCl _____	# Methanol <u>42</u>	Time and Date Frozen: <u>9/30/15 1630</u>
Doc# 277 # Bisulfate _____	# DI Water <u>42</u>	
Rev. 4 August 2013 # Thiosulfate _____	Unpreserved _____	

**Login Sample Receipt Checklist**

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False)	Comment
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	NA	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA	
21) Samples do not require splitting or compositing.	T	

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials: *JDL*

Date/Time:

Date/Time: *9/30/15 1630*

October 15, 2015

Charles Springer  
TRC Environmental Corporation - ME  
6 Ashley Drive  
Scarborough, ME 04074

Project Location: Foster Mill, Wilton, ME  
Client Job Number:  
Project Number: 233392  
Laboratory Work Order Number: 15J0358

Enclosed are results of analyses for samples received by the laboratory on October 8, 2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Meghan E. Kelley". The signature is written in a cursive style with a large, sweeping 'y' at the end.

Meghan E. Kelley  
Project Manager

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## Table of Contents (continued)

Chain of Custody/Sample Receipt

84

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

TRC Environmental Corporation - ME  
 6 Ashley Drive  
 Scarborough, ME 04074  
 ATTN: Charles Springer

REPORT DATE: 10/15/2015

PURCHASE ORDER NUMBER: 20150820

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 15J0358

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Foster Mill, Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-101	15J0358-01	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	
MW-2	15J0358-02	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	
MW-3	15J0358-03	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	
MW-4	15J0358-04	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	
MW-5	15J0358-05	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	
MW-6	15J0358-06	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	

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39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

TRC Environmental Corporation - ME  
6 Ashley Drive  
Scarborough, ME 04074  
ATTN: Charles Springer

REPORT DATE: 10/15/2015

PURCHASE ORDER NUMBER: 20150820

PROJECT NUMBER: 233392

**ANALYTICAL SUMMARY**

---

WORK ORDER NUMBER: 15J0358

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Foster Mill, Wilton, ME

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
DUP-5	15J0358-07	Ground Water		MADEP-EPH-04-1.1 MADEP-VPH-04-1.1 SW-846 6020A SW-846 7470A SW-846 8260C SW-846 8270D	

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**MADEP-EPH-04-1.1****Qualifications:****L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****n-Decane**

B132575-BSD1

**L-07A**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:****n-Nonane**

B132575-BSD1

**R-05**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:****C9-C18 Aliphatics**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132575-BLK1

**n-Nonane**

B132575-BLK1, B132575-BS1

**SW-846 8260C****Qualifications:****L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

**Analyte & Samples(s) Qualified:****1,4-Dioxane**

B132696-BS1, B132696-BSD1

**2,2-Dichloropropane**

B132696-BS1, B132696-BSD1

**Chloroethane**

B132696-BS1, B132696-BSD1

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:****1,2-Dibromo-3-chloropropane (DB)**

B132696-BS1

**2-Butanone (MEK)**

B132696-BS1

**Acetone**

B132696-BS1

**tert-Butyl Alcohol (TBA)**

B132696-BS1

**L-07A**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:****Bromomethane**

B132696-BS1

**R-05**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:****Bromomethane**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132696-BLK1, B132696-BS1, B132696-BSD1

**V-20**

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:****1,2-Dibromo-3-chloropropane (DB)**

B132696-BS1, B132696-BSD1

**1,4-Dioxane**

B132696-BS1, B132696-BSD1

**2,2-Dichloropropane**

B132696-BS1, B132696-BSD1

**2-Butanone (MEK)**

B132696-BS1, B132696-BSD1

**2-Hexanone (MBK)**

B132696-BS1, B132696-BSD1

**4-Methyl-2-pentanone (MIBK)**

B132696-BS1, B132696-BSD1

**Acetone**

B132696-BS1, B132696-BSD1

**Carbon Disulfide**

B132696-BS1, B132696-BSD1

**Chloroethane**

B132696-BS1, B132696-BSD1

**tert-Butyl Alcohol (TBA)**

B132696-BS1, B132696-BSD1

**SW-846 8270D****Qualifications:****L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****Benzoic Acid**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**N-Nitrosodimethylamine**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**L-07A**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:****Benzidine**

B132587-BSD1

**R-05**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:****Benzidine**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1

**S-07**

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

**Analyte & Samples(s) Qualified:****2,4,6-Tribromophenol**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**V-04**

Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.

**Analyte & Samples(s) Qualified:****Benzidine**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**V-05**

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:****1,2-Diphenylhydrazine (as Azoben)**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**2-Nitroaniline**

15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5]

**Aniline**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**Benzidine**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**Bis(2-chloroisopropyl)ether**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**Hexachlorocyclopentadiene**

15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5]

**Pyridine**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**V-06**

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

**Analyte & Samples(s) Qualified:****2,4-Dinitrophenol**

B132587-BS1, B132587-BSD1

**Hexachlorobenzene**

B132587-BS1, B132587-BSD1

**Hexachlorobutadiene**

B132587-BS1, B132587-BSD1

**Pentachloronitrobenzene**

B132587-BS1, B132587-BSD1

**V-16**

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

**Analyte & Samples(s) Qualified:****Pentachloronitrobenzene**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**V-19**

Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99.

Reduced precision and accuracy may be associated with reported result.

**Analyte & Samples(s) Qualified:****2,4-Dinitrophenol**

15J0358-01[MW-101], 15J0358-02[MW-2], 15J0358-03[MW-3], 15J0358-04[MW-4], 15J0358-05[MW-5], 15J0358-06[MW-6], 15J0358-07[DUP-5], B132587-BLK1, B132587-BS1, B132587-BSD1

**V-20**

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:****2,4-Dinitrophenol**

15J0358-01[MW-101], 15J0358-02[MW-2], B132587-BLK1

**Hexachlorobenzene**

15J0358-01[MW-101], 15J0358-02[MW-2], B132587-BLK1

**Hexachlorobutadiene**

15J0358-01[MW-101], 15J0358-02[MW-2], B132587-BLK1

**Pentachloronitrobenzene**

15J0358-01[MW-101], 15J0358-02[MW-2], B132587-BLK1

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**MADEP-EPH-04-1.1**

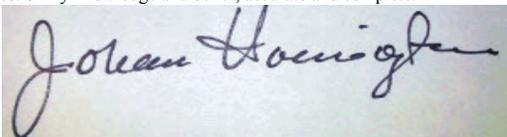
SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch. No significant modifications were made to the method.

**MADEP-VPH-04-1.1**

No significant modifications were made to the method. All VPH samples were received preserved properly at pH <2 in the proper containers as specified on the chain-of-custody form unless specified in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink, appearing to read "Johanna K. Harrington", is written over a light-colored background.

Johanna K. Harrington  
Manager, Laboratory Reporting

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-101

Sampled: 10/7/2015 14:45

Sample ID: 15J0358-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/9/15	10/12/15 16:28	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-101

Sampled: 10/7/2015 14:45

Sample ID: 15J0358-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:28	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	111	70-130	10/12/15 16:28
Toluene-d8	105	70-130	10/12/15 16:28
4-Bromofluorobenzene	100	70-130	10/12/15 16:28

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Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-101

Sampled: 10/7/2015 14:45

Sample ID: 15J0358-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Acenaphthylene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Acetophenone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Benzidine	ND	20	µg/L	1	R-05, V-04, V-05	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Benzo(a)anthracene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Benzo(a)pyrene (low)	ND	0.10	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Benzo(b)fluoranthene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Benzo(k)fluoranthene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Benzoic Acid	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
4-Chloroaniline	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Chrysene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
3,3-Dichlorobenzidine	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-19, V-20	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2,4-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2,6-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Fluoranthene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Fluorene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-101

Sampled: 10/7/2015 14:45

Sample ID: 15J0358-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.0	µg/L	1	V-20	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Hexachlorobutadiene	ND	2.0	µg/L	1	V-20	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Isophorone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2-Methylnaphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
3/4-Methylphenol	ND	4.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Naphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Nitrobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Pentachloronitrobenzene	ND	5.0	µg/L	1	V-16, V-20	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Pentachlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Phenanthrene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Phenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
Pyrene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 15:24	CJM
Pyridine	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 11:40	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL
2,4,6-Trichlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 11:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	32.0	15-110	
Phenol-d6	19.6	15-110	
Nitrobenzene-d5	62.8	30-130	
Nitrobenzene-d5 (low)	71.8	30-130	
2-Fluorobiphenyl	81.6	30-130	
2-Fluorobiphenyl (low)	66.9	30-130	
<b>2,4,6-Tribromophenol</b>	<b>116</b>	<b>*</b> 15-110	S-07
p-Terphenyl-d14	95.1	30-130	
p-Terphenyl-d14 (low)	60.7	30-130	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-101

Sampled: 10/7/2015 14:45

Sample ID: 15J0358-01

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1	R-05	MADEP-EPH-04-1.1	10/9/15	10/12/15 11:41	SCS
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 11:41	SCS
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 11:41	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	73.5	40-140	
o-Terphenyl (OTP)	89.2	40-140	
2-Bromonaphthalene	92.5	40-140	
2-Fluorobiphenyl	96.2	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 14:45

Field Sample #: MW-101

Sample ID: 15J0358-01

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - VPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 7:40	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 7:40	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 7:40	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	107		70-130				10/10/15 7:40		
2,5-Dibromotoluene (PID)	114		70-130				10/10/15 7:40		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 14:45

Field Sample #: MW-101

Sample ID: 15J0358-01

Sample Matrix: Ground Water

**Metals Analyses (Dissolved)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:18	MJH
Barium	ND	50	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:18	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:18	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:18	MJH
Lead	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:18	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	10/12/15	10/14/15 10:48	SCB
Selenium	ND	25	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:18	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:18	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-2

Sampled: 10/7/2015 14:40

Sample ID: 15J0358-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/9/15	10/12/15 16:55	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-2

Sampled: 10/7/2015 14:40

Sample ID: 15J0358-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 16:55	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	112	70-130	10/12/15 16:55
Toluene-d8	104	70-130	10/12/15 16:55
4-Bromofluorobenzene	98.9	70-130	10/12/15 16:55

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-2

Sampled: 10/7/2015 14:40

Sample ID: 15J0358-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Acenaphthylene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Acetophenone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Benzidine	ND	20	µg/L	1	R-05, V-04, V-05	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Benzo(a)anthracene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Benzo(a)pyrene (low)	ND	0.10	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Benzo(b)fluoranthene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Benzo(k)fluoranthene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Benzoic Acid	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
4-Chloroaniline	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Chrysene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
3,3-Dichlorobenzidine	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2,4-Dinitrophenol	ND	10	µg/L	1	V-19, V-20	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2,4-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2,6-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Fluoranthene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Fluorene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-2

Sampled: 10/7/2015 14:40

Sample ID: 15J0358-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.0	µg/L	1	V-20	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Hexachlorobutadiene	ND	2.0	µg/L	1	V-20	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Isophorone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2-Methylnaphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
3/4-Methylphenol	ND	4.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Naphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Nitrobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
N-Nitrosodimethylamine	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Pentachloronitrobenzene	ND	5.0	µg/L	1	V-16, V-20	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Pentachlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Phenanthrene (low)	0.068	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Phenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
Pyrene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 16:52	CJM
Pyridine	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/10/15 12:05	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL
2,4,6-Trichlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/10/15 12:05	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	37.2	15-110	
Phenol-d6	22.9	15-110	
Nitrobenzene-d5	70.1	30-130	
Nitrobenzene-d5 (low)	69.4	30-130	
2-Fluorobiphenyl	86.3	30-130	
2-Fluorobiphenyl (low)	65.2	30-130	
<b>2,4,6-Tribromophenol</b>	<b>121</b>	<b>*</b> 15-110	S-07
p-Terphenyl-d14	100	30-130	
p-Terphenyl-d14 (low)	57.2	30-130	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-2

Sampled: 10/7/2015 14:40

Sample ID: 15J0358-02

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1	R-05	MADEP-EPH-04-1.1	10/9/15	10/12/15 12:02	SCS
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 12:02	SCS
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 12:02	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	72.9	40-140	
o-Terphenyl (OTP)	87.7	40-140	
2-Bromonaphthalene	91.2	40-140	
2-Fluorobiphenyl	93.6	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-2

Sampled: 10/7/2015 14:40

Sample ID: 15J0358-02

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - VPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 8:16	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 8:16	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 8:16	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	113		70-130					10/10/15 8:16	
2,5-Dibromotoluene (PID)	116		70-130					10/10/15 8:16	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 14:40

Field Sample #: MW-2

Sample ID: 15J0358-02

Sample Matrix: Ground Water

**Metals Analyses (Dissolved)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:22	MJH
Barium	ND	50	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:22	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:22	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:22	MJH
Lead	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:22	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	10/12/15	10/14/15 10:52	SCB
Selenium	ND	25	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:22	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:22	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-3

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/9/15	10/12/15 17:22	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-3

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Toluene	1.1	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:22	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	112	70-130	10/12/15 17:22
Toluene-d8	104	70-130	10/12/15 17:22
4-Bromofluorobenzene	98.8	70-130	10/12/15 17:22

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-3

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Acenaphthylene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Acetophenone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Benzidine	ND	20	µg/L	1	R-05, V-04, V-05	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Benzo(a)anthracene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Benzo(a)pyrene (low)	ND	0.10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Benzo(b)fluoranthene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Benzo(k)fluoranthene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Benzoic Acid	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
4-Chloroaniline	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Chrysene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
3,3-Dichlorobenzidine	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-19	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2,4-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2,6-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Fluoranthene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Fluorene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-3

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Isophorone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2-Methylnaphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
3/4-Methylphenol	ND	4.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Naphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
2-Nitroaniline	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Nitrobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
N-Nitrosodimethylamine	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	V-16	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Pentachlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Phenanthrene (low)	0.082	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Phenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
Pyrene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 15:19	CJM
Pyridine	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:11	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR
2,4,6-Trichlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:11	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	33.0	15-110	
Phenol-d6	19.7	15-110	
Nitrobenzene-d5	74.9	30-130	
Nitrobenzene-d5 (low)	65.4	30-130	
2-Fluorobiphenyl	91.0	30-130	
2-Fluorobiphenyl (low)	63.0	30-130	
<b>2,4,6-Tribromophenol</b>	<b>117</b>	<b>*</b> 15-110	S-07
p-Terphenyl-d14	100	30-130	
p-Terphenyl-d14 (low)	50.5	30-130	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 12:15

Field Sample #: MW-3

Sample ID: 15J0358-03

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1	R-05	MADEP-EPH-04-1.1	10/9/15	10/12/15 12:23	SCS
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 12:23	SCS
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 12:23	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	62.8	40-140	
o-Terphenyl (OTP)	85.0	40-140	
2-Bromonaphthalene	95.7	40-140	
2-Fluorobiphenyl	99.6	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-3

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-03

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - VPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 8:51	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 8:51	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 8:51	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	113		70-130				10/10/15 8:51		
2,5-Dibromotoluene (PID)	119		70-130				10/10/15 8:51		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-3

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-03

Sample Matrix: Ground Water

**Metals Analyses (Dissolved)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:25	MJH
Barium	74	50	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:25	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:25	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:25	MJH
Lead	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:25	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	10/12/15	10/14/15 10:57	SCB
Selenium	ND	25	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:25	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:25	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-4

Sampled: 10/7/2015 12:25

Sample ID: 15J0358-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/9/15	10/12/15 17:49	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-4

Sampled: 10/7/2015 12:25

Sample ID: 15J0358-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 17:49	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	111	70-130	10/12/15 17:49
Toluene-d8	105	70-130	10/12/15 17:49
4-Bromofluorobenzene	97.7	70-130	10/12/15 17:49

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-4

Sampled: 10/7/2015 12:25

Sample ID: 15J0358-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Acenaphthylene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Acetophenone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Benzidine	ND	20	µg/L	1	R-05, V-04, V-05	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Benzo(a)anthracene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Benzo(a)pyrene (low)	ND	0.10	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Benzo(b)fluoranthene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Benzo(k)fluoranthene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Benzoic Acid	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
4-Chloroaniline	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Chrysene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
3,3-Dichlorobenzidine	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-19	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2,4-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2,6-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Fluoranthene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Fluorene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-4

Sampled: 10/7/2015 12:25

Sample ID: 15J0358-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Isophorone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2-Methylnaphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
3/4-Methylphenol	ND	4.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Naphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
2-Nitroaniline	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Nitrobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
N-Nitrosodimethylamine	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	V-16	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Pentachlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Phenanthrene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Phenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Pyrene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 11:33	CJM
Pyridine	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 13:36	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
2,4,6-Trichlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 13:36	CMR
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
2-Fluorophenol		32.4	15-110					10/12/15 13:36	
Phenol-d6		19.8	15-110					10/12/15 13:36	
Nitrobenzene-d5		68.9	30-130					10/12/15 13:36	
Nitrobenzene-d5 (low)		69.9	30-130					10/13/15 11:33	
2-Fluorobiphenyl		83.2	30-130					10/12/15 13:36	
2-Fluorobiphenyl (low)		66.6	30-130					10/13/15 11:33	
<b>2,4,6-Tribromophenol</b>		<b>111</b>	<b>*</b> 15-110		S-07			10/12/15 13:36	
p-Terphenyl-d14		97.6	30-130					10/12/15 13:36	
p-Terphenyl-d14 (low)		52.4	30-130					10/13/15 11:33	

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Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-4

Sampled: 10/7/2015 12:25

Sample ID: 15J0358-04

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1	R-05	MADEP-EPH-04-1.1	10/9/15	10/12/15 12:44	SCS
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 12:44	SCS
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 12:44	SCS
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Chlorooctadecane (COD)	73.1		40-140				10/12/15 12:44		
o-Terphenyl (OTP)	90.8		40-140				10/12/15 12:44		
2-Bromonaphthalene	94.8		40-140				10/12/15 12:44		
2-Fluorobiphenyl	97.4		40-140				10/12/15 12:44		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-4

Sampled: 10/7/2015 12:25

Sample ID: 15J0358-04

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - VPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 9:27	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 9:27	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 9:27	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	120		70-130				10/10/15 9:27		
2,5-Dibromotoluene (PID)	126		70-130				10/10/15 9:27		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 12:25

Field Sample #: MW-4

Sample ID: 15J0358-04

Sample Matrix: Ground Water

**Metals Analyses (Dissolved)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:35	MJH
Barium	ND	50	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:35	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:35	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:35	MJH
Lead	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:35	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	10/12/15	10/14/15 10:58	SCB
Selenium	ND	25	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:35	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:35	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-5

Sampled: 10/7/2015 10:20

Sample ID: 15J0358-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/9/15	10/12/15 18:16	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-5

Sampled: 10/7/2015 10:20

Sample ID: 15J0358-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:16	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	112	70-130	10/12/15 18:16
Toluene-d8	104	70-130	10/12/15 18:16
4-Bromofluorobenzene	98.1	70-130	10/12/15 18:16

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-5

Sampled: 10/7/2015 10:20

Sample ID: 15J0358-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Acenaphthylene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Acetophenone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Benzidine	ND	20	µg/L	1	R-05, V-04, V-05	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Benzo(a)anthracene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Benzo(a)pyrene (low)	ND	0.10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Benzo(b)fluoranthene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Benzo(k)fluoranthene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Benzoic Acid	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
4-Chloroaniline	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Chrysene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
3,3-Dichlorobenzidine	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-19	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2,4-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2,6-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Fluoranthene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Fluorene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-5

Sampled: 10/7/2015 10:20

Sample ID: 15J0358-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Isophorone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2-Methylnaphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
3/4-Methylphenol	ND	4.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Naphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
2-Nitroaniline	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Nitrobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
N-Nitrosodimethylamine	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	V-16	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Pentachlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Phenanthrene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Phenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
Pyrene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:17	CJM
Pyridine	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:02	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR
2,4,6-Trichlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:02	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	39.0	15-110	
Phenol-d6	24.3	15-110	
Nitrobenzene-d5	79.3	30-130	
Nitrobenzene-d5 (low)	65.5	30-130	
2-Fluorobiphenyl	97.0	30-130	
2-Fluorobiphenyl (low)	62.7	30-130	
<b>2,4,6-Tribromophenol</b>	<b>126</b>	<b>*</b> 15-110	S-07
p-Terphenyl-d14	108	30-130	
p-Terphenyl-d14 (low)	52.5	30-130	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-5

Sampled: 10/7/2015 10:20

Sample ID: 15J0358-05

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1	R-05	MADEP-EPH-04-1.1	10/9/15	10/12/15 13:05	SCS
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 13:05	SCS
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 13:05	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	76.6	40-140	
o-Terphenyl (OTP)	88.5	40-140	
2-Bromonaphthalene	94.3	40-140	
2-Fluorobiphenyl	97.0	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-5

Sampled: 10/7/2015 10:20

Sample ID: 15J0358-05

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - VPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 10:03	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 10:03	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 10:03	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	119		70-130				10/10/15 10:03		
2,5-Dibromotoluene (PID)	124		70-130				10/10/15 10:03		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 10:20

Field Sample #: MW-5

Sample ID: 15J0358-05

Sample Matrix: Ground Water

**Metals Analyses (Dissolved)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:39	MJH
Barium	ND	50	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:39	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:39	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:39	MJH
Lead	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:39	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	10/12/15	10/14/15 11:00	SCB
Selenium	ND	25	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:39	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:39	MJH

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Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-6

Sampled: 10/7/2015 10:15

Sample ID: 15J0358-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/9/15	10/12/15 18:42	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-6

Sampled: 10/7/2015 10:15

Sample ID: 15J0358-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 18:42	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	113	70-130	10/12/15 18:42
Toluene-d8	104	70-130	10/12/15 18:42
4-Bromofluorobenzene	97.6	70-130	10/12/15 18:42

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-6

Sampled: 10/7/2015 10:15

Sample ID: 15J0358-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Acenaphthylene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Acetophenone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Benzidine	ND	20	µg/L	1	V-05, R-05, V-04	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Benzo(a)anthracene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Benzo(a)pyrene (low)	ND	0.10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Benzo(b)fluoranthene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Benzo(k)fluoranthene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Benzoic Acid	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
4-Chloroaniline	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Chrysene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
3,3-Dichlorobenzidine	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-19	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2,4-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2,6-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Fluoranthene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Fluorene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-6

Sampled: 10/7/2015 10:15

Sample ID: 15J0358-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Isophorone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2-Methylnaphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
3/4-Methylphenol	ND	4.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Naphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
2-Nitroaniline	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Nitrobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
N-Nitrosodimethylamine	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	V-16	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Pentachlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Phenanthrene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Phenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
Pyrene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 16:45	CJM
Pyridine	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:28	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR
2,4,6-Trichlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:28	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	29.3	15-110	10/12/15 14:28
Phenol-d6	18.0	15-110	10/12/15 14:28
Nitrobenzene-d5	59.3	30-130	10/12/15 14:28
Nitrobenzene-d5 (low)	58.1	30-130	10/12/15 16:45
2-Fluorobiphenyl	77.7	30-130	10/12/15 14:28
2-Fluorobiphenyl (low)	56.6	30-130	10/12/15 16:45
2,4,6-Tribromophenol	109	15-110	10/12/15 14:28
p-Terphenyl-d14	96.5	30-130	10/12/15 14:28
p-Terphenyl-d14 (low)	55.7	30-130	10/12/15 16:45

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 10:15

Field Sample #: MW-6

Sample ID: 15J0358-06

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1	R-05	MADEP-EPH-04-1.1	10/9/15	10/12/15 13:26	SCS
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 13:26	SCS
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 13:26	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	76.3	40-140	
o-Terphenyl (OTP)	96.6	40-140	
2-Bromonaphthalene	96.7	40-140	
2-Fluorobiphenyl	100	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: MW-6

Sampled: 10/7/2015 10:15

Sample ID: 15J0358-06

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - VPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 10:39	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 10:39	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 10:39	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	116		70-130				10/10/15 10:39		
2,5-Dibromotoluene (PID)	120		70-130				10/10/15 10:39		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 10:15

Field Sample #: MW-6

Sample ID: 15J0358-06

Sample Matrix: Ground Water

**Metals Analyses (Dissolved)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:42	MJH
Barium	ND	50	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:42	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:42	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:42	MJH
Lead	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:42	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	10/12/15	10/14/15 11:01	SCB
Selenium	ND	25	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:42	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:42	MJH

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: DUP-5

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	10/9/15	10/12/15 19:09	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: DUP-5

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	10/9/15	10/12/15 19:09	LBD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	113	70-130	10/12/15 19:09
Toluene-d8	106	70-130	10/12/15 19:09
4-Bromofluorobenzene	99.0	70-130	10/12/15 19:09

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: DUP-5

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Acenaphthylene (low)	ND	0.30	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Acetophenone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Aniline	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Benzidine	ND	20	µg/L	1	R-05, V-04, V-05	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Benzo(a)anthracene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Benzo(a)pyrene (low)	ND	0.10	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Benzo(b)fluoranthene (low)	ND	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Benzo(k)fluoranthene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Benzoic Acid	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Bis(2-chloroethyl)ether	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Carbazole	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
4-Chloroaniline	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Chrysene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Dibenzofuran	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
1,2-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
1,3-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
1,4-Dichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
3,3-Dichlorobenzidine	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Diethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2,4-Dinitrophenol	ND	10	µg/L	1	V-19	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2,4-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2,6-Dinitrotoluene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Fluoranthene (low)	ND	0.50	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Fluorene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: DUP-5

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Hexachlorocyclopentadiene	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Hexachloroethane	ND	2.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Isophorone	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
1-Methylnaphthalene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2-Methylnaphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
2-Methylphenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
3/4-Methylphenol	ND	4.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Naphthalene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
2-Nitroaniline	ND	10	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Nitrobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
N-Nitrosodimethylamine	ND	10	µg/L	1	L-04	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
N-Nitrosodiphenylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Pentachloronitrobenzene	ND	5.0	µg/L	1	V-16	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Pentachlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Phenanthrene (low)	0.093	0.050	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Phenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
Pyrene (low)	ND	1.0	µg/L	1		SW-846 8270D	10/9/15	10/13/15 17:50	CJM
Pyridine	ND	5.0	µg/L	1	V-05	SW-846 8270D	10/9/15	10/12/15 14:54	CMR
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR
2,4,6-Trichlorophenol	ND	5.0	µg/L	1		SW-846 8270D	10/9/15	10/12/15 14:54	CMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	33.4	15-110	
Phenol-d6	20.1	15-110	
Nitrobenzene-d5	74.0	30-130	
Nitrobenzene-d5 (low)	77.2	30-130	
2-Fluorobiphenyl	88.7	30-130	
2-Fluorobiphenyl (low)	74.1	30-130	
<b>2,4,6-Tribromophenol</b>	<b>115</b>	<b>*</b> 15-110	S-07
p-Terphenyl-d14	94.8	30-130	
p-Terphenyl-d14 (low)	57.7	30-130	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Field Sample #: DUP-5

Sampled: 10/7/2015 12:15

Sample ID: 15J0358-07

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - EPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C9-C18 Aliphatics	ND	100	µg/L	1	R-05	MADEP-EPH-04-1.1	10/9/15	10/12/15 13:47	SCS
C19-C36 Aliphatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 13:47	SCS
C11-C22 Aromatics	ND	100	µg/L	1		MADEP-EPH-04-1.1	10/9/15	10/12/15 13:47	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Chlorooctadecane (COD)	66.7	40-140	
o-Terphenyl (OTP)	84.6	40-140	
2-Bromonaphthalene	92.3	40-140	
2-Fluorobiphenyl	96.5	40-140	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 12:15

Field Sample #: DUP-5

Sample ID: 15J0358-07

Sample Matrix: Ground Water

**Petroleum Hydrocarbons Analyses - VPH**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
C5-C8 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 11:15	EEH
C9-C12 Aliphatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 11:15	EEH
C9-C10 Aromatics	ND	100	µg/L	1		MADEP-VPH-04-1.1	10/9/15	10/10/15 11:15	EEH
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
2,5-Dibromotoluene (FID)	115		70-130				10/10/15 11:15		
2,5-Dibromotoluene (PID)	119		70-130				10/10/15 11:15		

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

Project Location: Foster Mill, Wilton, ME

Sample Description:

Work Order: 15J0358

Date Received: 10/8/2015

Sampled: 10/7/2015 12:15

Field Sample #: DUP-5

Sample ID: 15J0358-07

Sample Matrix: Ground Water

**Metals Analyses (Dissolved)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:46	MJH
Barium	72	50	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:46	MJH
Cadmium	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:46	MJH
Chromium	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:46	MJH
Lead	ND	5.0	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:46	MJH
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	10/12/15	10/14/15 11:03	SCB
Selenium	ND	25	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:46	MJH
Silver	ND	2.5	µg/L	5		SW-846 6020A	10/10/15	10/14/15 12:46	MJH

**Sample Extraction Data**

**Prep Method: SW-846 3510C-MADEP-EPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15J0358-01 [MW-101]	B132575	1000	2.00	10/09/15
15J0358-02 [MW-2]	B132575	1000	2.00	10/09/15
15J0358-03 [MW-3]	B132575	1000	2.00	10/09/15
15J0358-04 [MW-4]	B132575	1000	2.00	10/09/15
15J0358-05 [MW-5]	B132575	1000	2.00	10/09/15
15J0358-06 [MW-6]	B132575	1000	2.00	10/09/15
15J0358-07 [DUP-5]	B132575	1000	2.00	10/09/15

**Prep Method: MA VPH-MADEP-VPH-04-1.1**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15J0358-01 [MW-101]	B132616	5	5.00	10/09/15
15J0358-02 [MW-2]	B132616	5	5.00	10/09/15
15J0358-03 [MW-3]	B132616	5	5.00	10/09/15
15J0358-04 [MW-4]	B132616	5	5.00	10/09/15
15J0358-05 [MW-5]	B132616	5	5.00	10/09/15
15J0358-06 [MW-6]	B132616	5	5.00	10/09/15
15J0358-07 [DUP-5]	B132616	5	5.00	10/09/15

**Prep Method: SW-846 3005A Dissolved-SW-846 6020A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15J0358-01 [MW-101]	B132676	50.0	50.0	10/10/15
15J0358-02 [MW-2]	B132676	50.0	50.0	10/10/15
15J0358-03 [MW-3]	B132676	50.0	50.0	10/10/15
15J0358-04 [MW-4]	B132676	50.0	50.0	10/10/15
15J0358-05 [MW-5]	B132676	50.0	50.0	10/10/15
15J0358-06 [MW-6]	B132676	50.0	50.0	10/10/15
15J0358-07 [DUP-5]	B132676	50.0	50.0	10/10/15

**Prep Method: SW-846 7470A Prep-SW-846 7470A**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15J0358-01 [MW-101]	B132729	6.00	6.00	10/12/15
15J0358-02 [MW-2]	B132729	6.00	6.00	10/12/15
15J0358-03 [MW-3]	B132729	6.00	6.00	10/12/15
15J0358-04 [MW-4]	B132729	6.00	6.00	10/12/15
15J0358-05 [MW-5]	B132729	6.00	6.00	10/12/15
15J0358-06 [MW-6]	B132729	6.00	6.00	10/12/15
15J0358-07 [DUP-5]	B132729	6.00	6.00	10/12/15

**Prep Method: SW-846 5030B-SW-846 8260C**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15J0358-01 [MW-101]	B132696	5	5.00	10/09/15
15J0358-02 [MW-2]	B132696	5	5.00	10/09/15
15J0358-03 [MW-3]	B132696	5	5.00	10/09/15
15J0358-04 [MW-4]	B132696	5	5.00	10/09/15
15J0358-05 [MW-5]	B132696	5	5.00	10/09/15
15J0358-06 [MW-6]	B132696	5	5.00	10/09/15

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**Sample Extraction Data****Prep Method: SW-846 5030B-SW-846 8260C**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15J0358-07 [DUP-5]	B132696	5	5.00	10/09/15

**Prep Method: SW-846 3510C-SW-846 8270D**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
15J0358-01 [MW-101]	B132587	1000	1.00	10/09/15
15J0358-02 [MW-2]	B132587	1000	1.00	10/09/15
15J0358-03 [MW-3]	B132587	1000	1.00	10/09/15
15J0358-04 [MW-4]	B132587	1000	1.00	10/09/15
15J0358-05 [MW-5]	B132587	1000	1.00	10/09/15
15J0358-06 [MW-6]	B132587	1000	1.00	10/09/15
15J0358-07 [DUP-5]	B132587	1000	1.00	10/09/15

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132696 - SW-846 5030B**

**Blank (B132696-BLK1)**

Prepared & Analyzed: 10/12/15

Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132696 - SW-846 5030B**

**Blank (B132696-BLK1)**

Prepared & Analyzed: 10/12/15

Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	27.6		µg/L	25.0		111	70-130			
Surrogate: Toluene-d8	26.2		µg/L	25.0		105	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.0		99.9	70-130			

**LCS (B132696-BS1)**

Prepared & Analyzed: 10/12/15

<b>Acetone</b>	174	50	µg/L	100		<b>174</b> *	70-160			L-07, V-20 †
Acrylonitrile	12.4	5.0	µg/L	10.0		124	70-130			
tert-Amyl Methyl Ether (TAME)	11.4	0.50	µg/L	10.0		114	70-130			
Benzene	11.4	1.0	µg/L	10.0		114	70-130			
Bromobenzene	11.1	1.0	µg/L	10.0		111	70-130			
Bromochloromethane	11.5	1.0	µg/L	10.0		115	70-130			
Bromodichloromethane	10.8	0.50	µg/L	10.0		108	70-130			
Bromoform	9.72	1.0	µg/L	10.0		97.2	70-130			
<b>Bromomethane</b>	3.21	2.0	µg/L	10.0		<b>32.1</b> *	40-160			L-07A, R-05 †
<b>2-Butanone (MEK)</b>	171	20	µg/L	100		<b>171</b> *	40-160			L-07, V-20 †
<b>tert-Butyl Alcohol (TBA)</b>	181	20	µg/L	100		<b>181</b> *	40-160			L-07, V-20 †
n-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
sec-Butylbenzene	11.3	1.0	µg/L	10.0		113	70-130			
tert-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130			
tert-Butyl Ethyl Ether (TBEE)	12.2	0.50	µg/L	10.0		122	70-130			
Carbon Disulfide	13.0	4.0	µg/L	10.0		130	70-130			V-20
Carbon Tetrachloride	11.2	5.0	µg/L	10.0		112	70-130			
Chlorobenzene	10.7	1.0	µg/L	10.0		107	70-130			
Chlorodibromomethane	9.94	0.50	µg/L	10.0		99.4	70-130			
<b>Chloroethane</b>	19.5	2.0	µg/L	10.0		<b>195</b> *	70-130			L-02, V-20
Chloroform	11.0	2.0	µg/L	10.0		110	70-130			
Chloromethane	7.06	2.0	µg/L	10.0		70.6	40-160			†
2-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130			

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132696 - SW-846 5030B</b>										
<b>LCS (B132696-BS1)</b>										
Prepared & Analyzed: 10/12/15										
4-Chlorotoluene	10.9	1.0	µg/L	10.0		109	70-130			
<b>1,2-Dibromo-3-chloropropane (DBCP)</b>	14.3	5.0	µg/L	10.0		<b>143</b> *	70-130			L-07, V-20
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0		113	70-130			
Dibromomethane	11.2	1.0	µg/L	10.0		112	70-130			
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130			
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130			
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130			
trans-1,4-Dichloro-2-butene	12.1	2.0	µg/L	10.0		121	70-130			
Dichlorodifluoromethane (Freon 12)	5.06	2.0	µg/L	10.0		50.6	40-160			†
1,1-Dichloroethane	12.2	1.0	µg/L	10.0		122	70-130			
1,2-Dichloroethane	11.4	1.0	µg/L	10.0		114	70-130			
1,1-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130			
cis-1,2-Dichloroethylene	11.9	1.0	µg/L	10.0		119	70-130			
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.0		115	70-130			
1,2-Dichloropropane	11.3	1.0	µg/L	10.0		113	70-130			
1,3-Dichloropropane	11.4	0.50	µg/L	10.0		114	70-130			
<b>2,2-Dichloropropane</b>	13.5	1.0	µg/L	10.0		<b>135</b> *	40-130			L-02, V-20 †
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116	70-130			
cis-1,3-Dichloropropene	11.8	0.50	µg/L	10.0		118	70-130			
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0		128	70-130			
Diethyl Ether	11.5	2.0	µg/L	10.0		115	70-130			
Diisopropyl Ether (DIPE)	10.9	0.50	µg/L	10.0		109	70-130			
<b>1,4-Dioxane</b>	154	50	µg/L	100		<b>154</b> *	40-130			L-02, V-20 †
Ethylbenzene	10.9	1.0	µg/L	10.0		109	70-130			
Hexachlorobutadiene	11.5	0.50	µg/L	10.0		115	70-130			
2-Hexanone (MBK)	154	10	µg/L	100		154	70-160			V-20 †
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.0		110	70-130			
p-Isopropyltoluene (p-Cymene)	11.8	1.0	µg/L	10.0		118	70-130			
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.0		115	70-130			
Methylene Chloride	12.6	5.0	µg/L	10.0		126	70-130			
4-Methyl-2-pentanone (MIBK)	134	10	µg/L	100		134	70-160			V-20 †
Naphthalene	11.6	2.0	µg/L	10.0		116	40-130			†
n-Propylbenzene	11.4	1.0	µg/L	10.0		114	70-130			
Styrene	10.5	1.0	µg/L	10.0		105	70-130			
1,1,1,2-Tetrachloroethane	10.8	1.0	µg/L	10.0		108	70-130			
1,1,2,2-Tetrachloroethane	11.6	0.50	µg/L	10.0		116	70-130			
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116	70-130			
Tetrahydrofuran	12.7	10	µg/L	10.0		127	70-130			
Toluene	11.2	1.0	µg/L	10.0		112	70-130			
1,2,3-Trichlorobenzene	11.3	5.0	µg/L	10.0		113	70-130			
1,2,4-Trichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,3,5-Trichlorobenzene	9.65	1.0	µg/L	10.0		96.5	70-130			
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130			
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130			
Trichloroethylene	11.7	1.0	µg/L	10.0		117	70-130			
Trichlorofluoromethane (Freon 11)	10.1	2.0	µg/L	10.0		101	70-130			
1,2,3-Trichloropropane	12.4	2.0	µg/L	10.0		124	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0	1.0	µg/L	10.0		110	70-130			
1,2,4-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130			
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130			
Vinyl Chloride	9.49	2.0	µg/L	10.0		94.9	40-160			†

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132696 - SW-846 5030B**

**LCS (B132696-BS1)**

Prepared & Analyzed: 10/12/15

m+p Xylene	21.9	2.0	µg/L	20.0		110	70-130			
o-Xylene	10.8	1.0	µg/L	10.0		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	28.8		µg/L	25.0		115	70-130			
Surrogate: Toluene-d8	26.0		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	25.3		µg/L	25.0		101	70-130			

**LCS Dup (B132696-BSD1)**

Prepared & Analyzed: 10/12/15

Acetone	156	50	µg/L	100		156	70-160	10.5	25	V-20 †
Acrylonitrile	12.4	5.0	µg/L	10.0		124	70-130	0.726	25	
tert-Amyl Methyl Ether (TAME)	11.1	0.50	µg/L	10.0		111	70-130	2.40	25	
Benzene	11.5	1.0	µg/L	10.0		115	70-130	1.40	25	
Bromobenzene	11.2	1.0	µg/L	10.0		112	70-130	1.34	25	
Bromochloromethane	11.8	1.0	µg/L	10.0		118	70-130	2.32	25	
Bromodichloromethane	11.2	0.50	µg/L	10.0		112	70-130	3.00	25	
Bromoform	8.93	1.0	µg/L	10.0		89.3	70-130	8.47	25	
Bromomethane	4.49	2.0	µg/L	10.0		44.9	40-160	<b>33.2</b> *	25	R-05 †
2-Butanone (MEK)	153	20	µg/L	100		153	40-160	11.4	25	V-20 †
tert-Butyl Alcohol (TBA)	148	20	µg/L	100		148	40-160	20.2	25	V-20 †
n-Butylbenzene	10.8	1.0	µg/L	10.0		108	70-130	1.88	25	
sec-Butylbenzene	11.6	1.0	µg/L	10.0		116	70-130	2.61	25	
tert-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130	2.00	25	
tert-Butyl Ethyl Ether (TBEE)	12.0	0.50	µg/L	10.0		120	70-130	1.16	25	
Carbon Disulfide	12.6	4.0	µg/L	10.0		126	70-130	2.74	25	V-20
Carbon Tetrachloride	11.4	5.0	µg/L	10.0		114	70-130	1.77	25	
Chlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	3.57	25	
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103	70-130	3.75	25	
<b>Chloroethane</b>	20.0	2.0	µg/L	10.0		<b>200</b> *	70-130	2.94	25	V-20, L-02
Chloroform	11.4	2.0	µg/L	10.0		114	70-130	2.77	25	
Chloromethane	8.16	2.0	µg/L	10.0		81.6	40-160	14.5	25	†
2-Chlorotoluene	11.2	1.0	µg/L	10.0		112	70-130	3.81	25	
4-Chlorotoluene	10.9	1.0	µg/L	10.0		109	70-130	0.458	25	
1,2-Dibromo-3-chloropropane (DBCP)	12.2	5.0	µg/L	10.0		122	70-130	15.5	25	V-20
1,2-Dibromoethane (EDB)	11.2	0.50	µg/L	10.0		112	70-130	1.51	25	
Dibromomethane	11.1	1.0	µg/L	10.0		111	70-130	0.449	25	
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	0.473	25	
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	0.00	25	
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.0		111	70-130	1.63	25	
trans-1,4-Dichloro-2-butene	11.1	2.0	µg/L	10.0		111	70-130	8.65	25	
Dichlorodifluoromethane (Freon 12)	5.06	2.0	µg/L	10.0		50.6	40-160	0.00	25	†
1,1-Dichloroethane	12.6	1.0	µg/L	10.0		126	70-130	3.06	25	
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116	70-130	1.13	25	
1,1-Dichloroethylene	11.7	1.0	µg/L	10.0		117	70-130	0.944	25	
cis-1,2-Dichloroethylene	12.1	1.0	µg/L	10.0		121	70-130	2.17	25	
trans-1,2-Dichloroethylene	11.6	1.0	µg/L	10.0		116	70-130	1.04	25	
1,2-Dichloropropane	11.8	1.0	µg/L	10.0		118	70-130	4.24	25	
1,3-Dichloropropane	11.5	0.50	µg/L	10.0		115	70-130	0.959	25	
<b>2,2-Dichloropropane</b>	13.6	1.0	µg/L	10.0		<b>136</b> *	40-130	0.295	25	L-02, V-20 †
1,1-Dichloropropene	11.9	2.0	µg/L	10.0		119	70-130	2.54	25	
cis-1,3-Dichloropropene	11.7	0.50	µg/L	10.0		117	70-130	0.594	25	
trans-1,3-Dichloropropene	12.7	0.50	µg/L	10.0		127	70-130	1.25	25	
Diethyl Ether	11.2	2.0	µg/L	10.0		112	70-130	2.21	25	
Diisopropyl Ether (DIPE)	11.3	0.50	µg/L	10.0		113	70-130	3.96	25	

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132696 - SW-846 5030B</b>										
<b>LCS Dup (B132696-BSD1)</b>										
					Prepared & Analyzed: 10/12/15					
1,4-Dioxane	133	50	µg/L	100		133 *	40-130	14.4	50	L-02, V-20 † ‡
Ethylbenzene	11.2	1.0	µg/L	10.0		112	70-130	2.26	25	
Hexachlorobutadiene	11.5	0.50	µg/L	10.0		115	70-130	0.347	25	
2-Hexanone (MBK)	137	10	µg/L	100		137	70-160	11.5	25	V-20 †
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.0		113	70-130	2.69	25	
p-Isopropyltoluene (p-Cymene)	12.0	1.0	µg/L	10.0		120	70-130	1.85	25	
Methyl tert-Butyl Ether (MTBE)	11.3	1.0	µg/L	10.0		113	70-130	2.01	25	
Methylene Chloride	12.5	5.0	µg/L	10.0		125	70-130	0.720	25	
4-Methyl-2-pentanone (MIBK)	123	10	µg/L	100		123	70-160	8.85	25	V-20 †
Naphthalene	10.1	2.0	µg/L	10.0		101	40-130	13.9	25	†
n-Propylbenzene	11.6	1.0	µg/L	10.0		116	70-130	2.52	25	
Styrene	10.8	1.0	µg/L	10.0		108	70-130	2.72	25	
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106	70-130	1.12	25	
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130	7.11	25	
Tetrachloroethylene	11.7	1.0	µg/L	10.0		117	70-130	0.600	25	
Tetrahydrofuran	12.2	10	µg/L	10.0		122	70-130	4.17	25	
Toluene	11.5	1.0	µg/L	10.0		115	70-130	3.09	25	
1,2,3-Trichlorobenzene	9.94	5.0	µg/L	10.0		99.4	70-130	13.1	25	
1,2,4-Trichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	5.92	25	
1,3,5-Trichlorobenzene	9.19	1.0	µg/L	10.0		91.9	70-130	4.88	25	
1,1,1-Trichloroethane	11.7	1.0	µg/L	10.0		117	70-130	3.04	25	
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0		115	70-130	0.261	25	
Trichloroethylene	11.8	1.0	µg/L	10.0		118	70-130	1.19	25	
Trichlorofluoromethane (Freon 11)	10.4	2.0	µg/L	10.0		104	70-130	3.32	25	
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.0		120	70-130	3.85	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	1.0	µg/L	10.0		116	70-130	4.78	25	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0		111	70-130	2.00	25	
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	1.68	25	
Vinyl Chloride	11.0	2.0	µg/L	10.0		110	40-160	14.9	25	†
m+p Xylene	22.4	2.0	µg/L	20.0		112	70-130	2.12	25	
o-Xylene	11.2	1.0	µg/L	10.0		112	70-130	3.36	25	
Surrogate: 1,2-Dichloroethane-d4	28.0		µg/L	25.0		112	70-130			
Surrogate: Toluene-d8	26.1		µg/L	25.0		104	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.0		101	70-130			

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B132587 - SW-846 3510C

Blank (B132587-BLK1)

Prepared: 10/09/15 Analyzed: 10/13/15

Acenaphthene (low)	ND	0.30	µg/L							
Acenaphthylene (low)	ND	0.30	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	5.0	µg/L							V-05
Anthracene (low)	ND	0.20	µg/L							
Benzidine	ND	20	µg/L							R-05, V-04, V-05
Benzo(a)anthracene (low)	ND	0.050	µg/L							
Benzo(a)pyrene (low)	ND	0.10	µg/L							
Benzo(b)fluoranthene (low)	ND	0.050	µg/L							
Benzo(g,h,i)perylene (low)	ND	0.50	µg/L							
Benzo(k)fluoranthene (low)	ND	0.20	µg/L							
Benzoic Acid	ND	10	µg/L							L-04
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
Bis(2-chloroisopropyl)ether	ND	10	µg/L							V-05
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene (low)	ND	0.20	µg/L							
Dibenz(a,h)anthracene (low)	ND	0.20	µg/L							
Dibenzofuran	ND	5.0	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
1,2-Dichlorobenzene	ND	5.0	µg/L							
1,3-Dichlorobenzene	ND	5.0	µg/L							
1,4-Dichlorobenzene	ND	5.0	µg/L							
3,3-Dichlorobenzidine	ND	10	µg/L							
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	10	µg/L							
2,4-Dinitrophenol	ND	10	µg/L							V-19, V-20
2,4-Dinitrotoluene	ND	10	µg/L							
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
1,2-Diphenylhydrazine (as Azobenzene)	ND	10	µg/L							V-05
Fluoranthene (low)	ND	0.50	µg/L							
Fluorene (low)	ND	1.0	µg/L							
Hexachlorobenzene	ND	10	µg/L							V-20
Hexachlorobutadiene	ND	10	µg/L							V-20
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							
Indeno(1,2,3-cd)pyrene (low)	ND	0.20	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene (low)	ND	1.0	µg/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B132587 - SW-846 3510C

Blank (B132587-BLK1)

Prepared: 10/09/15 Analyzed: 10/10/15

2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene (low)	ND	1.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodimethylamine	ND	10	µg/L							L-04
N-Nitrosodiphenylamine	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
Pentachloronitrobenzene	ND	10	µg/L							V-16, V-20
Pentachlorophenol	ND	10	µg/L							
Phenanthrene (low)	ND	0.050	µg/L							
Phenol	ND	10	µg/L							
Pyrene (low)	ND	1.0	µg/L							V-05
Pyridine	ND	5.0	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
1,2,4-Trichlorobenzene	ND	5.0	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Surrogate: 2-Fluorophenol	92.5		µg/L	200		46.2	15-110			
Surrogate: Phenol-d6	57.2		µg/L	200		28.6	15-110			
Surrogate: Nitrobenzene-d5	83.3		µg/L	100		83.3	30-130			
Surrogate: Nitrobenzene-d5 (low)	78.4		µg/L	100		78.4	30-130			
Surrogate: 2-Fluorobiphenyl	99.5		µg/L	100		99.5	30-130			
Surrogate: 2-Fluorobiphenyl (low)	69.5		µg/L	100		69.5	30-130			
Surrogate: 2,4,6-Tribromophenol	274		µg/L	200		137 *	15-110			S-07
Surrogate: p-Terphenyl-d14	114		µg/L	100		114	30-130			
Surrogate: p-Terphenyl-d14 (low)	64.8		µg/L	100		64.8	30-130			

LCS (B132587-BS1)

Prepared: 10/09/15 Analyzed: 10/13/15

Acenaphthene (low)	40.8	7.5	µg/L	50.0		81.6	40-140			
Acenaphthylene (low)	42.2	7.5	µg/L	50.0		84.4	40-140			
Acetophenone	37.9	10	µg/L	50.0		75.7	40-140			
Aniline	28.0	5.0	µg/L	50.0		56.1	40-140			V-05
Anthracene (low)	42.8	5.0	µg/L	50.0		85.5	40-140			
Benzidine	50.3	20	µg/L	50.0		101	40-140			R-05, V-04, V-05
Benzo(a)anthracene (low)	41.0	1.2	µg/L	50.0		82.0	40-140			
Benzo(a)pyrene (low)	43.6	2.5	µg/L	50.0		87.2	40-140			
Benzo(b)fluoranthene (low)	42.7	1.2	µg/L	50.0		85.4	40-140			
Benzo(g,h,i)perylene (low)	43.0	12	µg/L	50.0		86.0	40-140			
Benzo(k)fluoranthene (low)	39.4	5.0	µg/L	50.0		78.8	40-140			
Benzoic Acid	4.07	10	µg/L	50.0		8.14 *	10-130			L-04 †
Bis(2-chloroethoxy)methane	35.9	10	µg/L	50.0		71.8	40-140			
Bis(2-chloroethyl)ether	35.9	10	µg/L	50.0		71.8	40-140			
Bis(2-chloroisopropyl)ether	28.2	10	µg/L	50.0		56.5	40-140			V-05
Bis(2-Ethylhexyl)phthalate	42.6	10	µg/L	50.0		85.1	40-140			
4-Bromophenylphenylether	45.8	10	µg/L	50.0		91.6	40-140			
Butylbenzylphthalate	40.2	10	µg/L	50.0		80.3	40-140			
Carbazole	39.5	10	µg/L	50.0		79.1	40-140			

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132587 - SW-846 3510C</b>										
<b>LCS (B132587-BS1)</b>										
					Prepared: 10/09/15 Analyzed: 10/10/15					
4-Chloroaniline	37.8	10	µg/L	50.0		75.6	40-140			
4-Chloro-3-methylphenol	34.5	10	µg/L	50.0		68.9	30-130			
2-Chloronaphthalene	37.8	10	µg/L	50.0		75.6	40-140			
2-Chlorophenol	35.2	10	µg/L	50.0		70.4	30-130			
4-Chlorophenylphenylether	44.1	10	µg/L	50.0		88.2	40-140			
Chrysene (low)	37.5	5.0	µg/L	50.0		75.0	40-140			
Dibenz(a,h)anthracene (low)	41.8	5.0	µg/L	50.0		83.6	40-140			
Dibenzofuran	40.7	5.0	µg/L	50.0		81.4	40-140			
Di-n-butylphthalate	40.4	10	µg/L	50.0		80.8	40-140			
1,2-Dichlorobenzene	38.8	5.0	µg/L	50.0		77.5	40-140			
1,3-Dichlorobenzene	37.8	5.0	µg/L	50.0		75.5	40-140			
1,4-Dichlorobenzene	38.3	5.0	µg/L	50.0		76.6	40-140			
3,3-Dichlorobenzidine	47.6	10	µg/L	50.0		95.1	40-140			
2,4-Dichlorophenol	41.2	10	µg/L	50.0		82.4	30-130			
Diethylphthalate	41.7	10	µg/L	50.0		83.5	40-140			
2,4-Dimethylphenol	34.8	10	µg/L	50.0		69.6	30-130			
Dimethylphthalate	42.3	10	µg/L	50.0		84.5	40-140			
4,6-Dinitro-2-methylphenol	44.4	10	µg/L	50.0		88.8	30-130			
2,4-Dinitrophenol	51.5	10	µg/L	50.0		103	30-130			V-06, V-19
2,4-Dinitrotoluene	43.5	10	µg/L	50.0		87.0	40-140			
2,6-Dinitrotoluene	44.6	10	µg/L	50.0		89.2	40-140			
Di-n-octylphthalate	41.8	10	µg/L	50.0		83.6	40-140			
1,2-Diphenylhydrazine (as Azobenzene)	31.1	10	µg/L	50.0		62.2	40-140			V-05
Fluoranthene (low)	40.0	12	µg/L	50.0		80.1	40-140			
Fluorene (low)	41.6	25	µg/L	50.0		83.3	40-140			
Hexachlorobenzene	49.0	10	µg/L	50.0		98.0	40-140			V-06
Hexachlorobutadiene	45.4	10	µg/L	50.0		90.9	40-140			V-06
Hexachlorocyclopentadiene	29.4	10	µg/L	50.0		58.8	30-140			†
Hexachloroethane	37.2	10	µg/L	50.0		74.4	40-140			
Indeno(1,2,3-cd)pyrene (low)	43.1	5.0	µg/L	50.0		86.2	40-140			
Isophorone	36.0	10	µg/L	50.0		71.9	40-140			
1-Methylnaphthalene	39.2	5.0	µg/L	50.0		78.3	40-140			
2-Methylnaphthalene (low)	36.4	25	µg/L	50.0		72.8	40-140			
2-Methylphenol	27.2	10	µg/L	50.0		54.3	30-130			
3/4-Methylphenol	26.5	10	µg/L	50.0		53.0	30-130			
Naphthalene (low)	38.2	25	µg/L	50.0		76.5	40-140			
2-Nitroaniline	31.1	10	µg/L	50.0		62.3	40-140			
3-Nitroaniline	39.4	10	µg/L	50.0		78.9	40-140			
4-Nitroaniline	38.0	10	µg/L	50.0		76.0	40-140			
Nitrobenzene	33.4	10	µg/L	50.0		66.8	40-140			
2-Nitrophenol	40.9	10	µg/L	50.0		81.8	30-130			
4-Nitrophenol	19.1	10	µg/L	50.0		38.2	10-130			†
<b>N-Nitrosodimethylamine</b>	17.2	10	µg/L	50.0		<b>34.4</b> *	40-140			L-04
N-Nitrosodiphenylamine	50.6	10	µg/L	50.0		101	40-140			
N-Nitrosodi-n-propylamine	33.8	10	µg/L	50.0		67.6	40-140			
Pentachloronitrobenzene	48.6	10	µg/L	50.0		97.3	40-140			V-06, V-16
Pentachlorophenol	42.2	10	µg/L	50.0		84.4	30-130			
Phenanthrene (low)	41.1	1.2	µg/L	50.0		82.2	40-140			
Phenol	14.1	10	µg/L	50.0		28.1	20-130			†
Pyrene (low)	40.2	25	µg/L	50.0		80.4	40-140			
Pyridine	12.6	5.0	µg/L	50.0		25.2	10-140			V-05 †
1,2,4,5-Tetrachlorobenzene	43.4	10	µg/L	50.0		86.8	40-140			

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B132587 - SW-846 3510C

LCS (B132587-BS1)

Prepared: 10/09/15 Analyzed: 10/10/15

1,2,4-Trichlorobenzene	43.4	5.0	µg/L	50.0		86.7	40-140			
2,4,5-Trichlorophenol	42.0	10	µg/L	50.0		84.1	30-130			
2,4,6-Trichlorophenol	43.0	10	µg/L	50.0		85.9	30-130			
Surrogate: 2-Fluorophenol	80.4		µg/L	200		40.2	15-110			
Surrogate: Phenol-d6	49.0		µg/L	200		24.5	15-110			
Surrogate: Nitrobenzene-d5	70.2		µg/L	100		70.2	30-130			
Surrogate: Nitrobenzene-d5 (low)	79.7		µg/L	100		79.7	30-130			
Surrogate: 2-Fluorobiphenyl	89.4		µg/L	100		89.4	30-130			
Surrogate: 2-Fluorobiphenyl (low)	76.8		µg/L	100		76.8	30-130			
<b>Surrogate: 2,4,6-Tribromophenol</b>	245		µg/L	200		<b>122</b> *	15-110			S-07
Surrogate: p-Terphenyl-d14	99.0		µg/L	100		99.0	30-130			
Surrogate: p-Terphenyl-d14 (low)	72.8		µg/L	100		72.8	30-130			

LCS Dup (B132587-BSD1)

Prepared: 10/09/15 Analyzed: 10/13/15

Acenaphthene (low)	44.7	7.5	µg/L	50.0		89.4	40-140	9.12	20	
Acenaphthylene (low)	45.7	7.5	µg/L	50.0		91.4	40-140	7.91	20	
Acetophenone	39.6	10	µg/L	50.0		79.2	40-140	4.47	20	
Aniline	29.5	5.0	µg/L	50.0		59.0	40-140	5.11	50	V-05 ‡
Anthracene (low)	47.0	5.0	µg/L	50.0		94.0	40-140	9.52	20	
<b>Benzidine</b>	16.5	20	µg/L	50.0		<b>33.1</b> *	40-140	<b>101</b> *	20	L-07A, V-04, V-05
Benzo(a)anthracene (low)	45.6	1.2	µg/L	50.0		91.2	40-140	10.6	20	
Benzo(a)pyrene (low)	48.0	2.5	µg/L	50.0		95.9	40-140	9.56	20	
Benzo(b)fluoranthene (low)	46.7	1.2	µg/L	50.0		93.4	40-140	9.01	20	
Benzo(g,h,i)perylene (low)	48.3	12	µg/L	50.0		96.6	40-140	11.7	20	
Benzo(k)fluoranthene (low)	43.1	5.0	µg/L	50.0		86.2	40-140	9.03	20	
<b>Benzoic Acid</b>	4.25	10	µg/L	50.0		<b>8.50</b> *	10-130	4.33	50	L-04 † ‡
Bis(2-chloroethoxy)methane	39.3	10	µg/L	50.0		78.6	40-140	9.09	20	
Bis(2-chloroethyl)ether	37.7	10	µg/L	50.0		75.4	40-140	4.95	20	
Bis(2-chloroisopropyl)ether	29.4	10	µg/L	50.0		58.8	40-140	4.02	20	V-05
Bis(2-Ethylhexyl)phthalate	46.3	10	µg/L	50.0		92.5	40-140	8.33	20	
4-Bromophenylphenylether	51.3	10	µg/L	50.0		103	40-140	11.3	20	
Butylbenzylphthalate	43.7	10	µg/L	50.0		87.4	40-140	8.37	20	
Carbazole	43.2	10	µg/L	50.0		86.4	40-140	8.85	20	
4-Chloroaniline	40.6	10	µg/L	50.0		81.3	40-140	7.32	20	
4-Chloro-3-methylphenol	38.0	10	µg/L	50.0		76.1	30-130	9.88	20	
2-Chloronaphthalene	40.3	10	µg/L	50.0		80.5	40-140	6.35	20	
2-Chlorophenol	36.5	10	µg/L	50.0		73.0	30-130	3.68	20	
4-Chlorophenylphenylether	49.1	10	µg/L	50.0		98.3	40-140	10.8	20	
Chrysene (low)	41.4	5.0	µg/L	50.0		82.8	40-140	9.82	20	
Dibenz(a,h)anthracene (low)	46.6	5.0	µg/L	50.0		93.2	40-140	10.9	20	
Dibenzofuran	44.9	5.0	µg/L	50.0		89.8	40-140	9.84	20	
Di-n-butylphthalate	44.3	10	µg/L	50.0		88.5	40-140	9.12	20	
1,2-Dichlorobenzene	40.5	5.0	µg/L	50.0		81.1	40-140	4.49	20	
1,3-Dichlorobenzene	39.7	5.0	µg/L	50.0		79.3	40-140	4.93	20	
1,4-Dichlorobenzene	40.2	5.0	µg/L	50.0		80.5	40-140	4.94	20	
3,3-Dichlorobenzidine	51.0	10	µg/L	50.0		102	40-140	6.94	20	
2,4-Dichlorophenol	44.6	10	µg/L	50.0		89.3	30-130	7.94	20	
Diethylphthalate	46.3	10	µg/L	50.0		92.6	40-140	10.4	20	
2,4-Dimethylphenol	36.6	10	µg/L	50.0		73.3	30-130	5.21	20	
Dimethylphthalate	46.4	10	µg/L	50.0		92.7	40-140	9.23	50	‡
4,6-Dinitro-2-methylphenol	49.4	10	µg/L	50.0		98.7	30-130	10.6	50	‡
2,4-Dinitrophenol	56.0	10	µg/L	50.0		112	30-130	8.35	50	V-06, V-19 ‡

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132587 - SW-846 3510C</b>										
<b>LCS Dup (B132587-BSD1)</b>										
					Prepared: 10/09/15 Analyzed: 10/10/15					
2,4-Dinitrotoluene	48.1	10	µg/L	50.0		96.2	40-140	10.1	20	
2,6-Dinitrotoluene	49.7	10	µg/L	50.0		99.5	40-140	10.9	20	
Di-n-octylphthalate	45.9	10	µg/L	50.0		91.7	40-140	9.24	20	
1,2-Diphenylhydrazine (as Azobenzene)	33.4	10	µg/L	50.0		66.8	40-140	7.16	20	V-05
Fluoranthene (low)	43.0	12	µg/L	50.0		86.0	40-140	7.16	20	
Fluorene (low)	47.1	25	µg/L	50.0		94.2	40-140	12.3	20	
Hexachlorobenzene	53.8	10	µg/L	50.0		108	40-140	9.32	20	V-06
Hexachlorobutadiene	48.3	10	µg/L	50.0		96.5	40-140	6.04	20	V-06
Hexachlorocyclopentadiene	32.4	10	µg/L	50.0		64.8	30-140	9.84	50	† ‡
Hexachloroethane	37.8	10	µg/L	50.0		75.7	40-140	1.79	50	‡
Indeno(1,2,3-cd)pyrene (low)	48.2	5.0	µg/L	50.0		96.5	40-140	11.2	20	
Isophorone	39.6	10	µg/L	50.0		79.2	40-140	9.64	20	
1-Methylnaphthalene	42.7	5.0	µg/L	50.0		85.4	40-140	8.63	20	
2-Methylnaphthalene (low)	40.4	25	µg/L	50.0		80.7	40-140	10.4	20	
2-Methylphenol	28.7	10	µg/L	50.0		57.5	30-130	5.62	20	
3/4-Methylphenol	28.1	10	µg/L	50.0		56.1	30-130	5.68	20	
Naphthalene (low)	41.6	25	µg/L	50.0		83.2	40-140	8.45	20	
2-Nitroaniline	33.4	10	µg/L	50.0		66.8	40-140	7.06	20	
3-Nitroaniline	42.5	10	µg/L	50.0		84.9	40-140	7.37	20	
4-Nitroaniline	40.1	10	µg/L	50.0		80.2	40-140	5.38	20	
Nitrobenzene	35.2	10	µg/L	50.0		70.5	40-140	5.45	20	
2-Nitrophenol	43.0	10	µg/L	50.0		86.0	30-130	5.03	20	
4-Nitrophenol	21.3	10	µg/L	50.0		42.5	10-130	10.8	50	† ‡
<b>N-Nitrosodimethylamine</b>	17.2	10	µg/L	50.0		<b>34.4 *</b>	40-140	0.116	20	L-04
N-Nitrosodiphenylamine	55.0	10	µg/L	50.0		110	40-140	8.28	20	
N-Nitrosodi-n-propylamine	36.0	10	µg/L	50.0		72.0	40-140	6.30	20	
Pentachloronitrobenzene	52.6	10	µg/L	50.0		105	40-140	7.75	20	V-06, V-16
Pentachlorophenol	45.4	10	µg/L	50.0		90.7	30-130	7.24	50	‡
Phenanthrene (low)	45.2	1.2	µg/L	50.0		90.5	40-140	9.55	20	
Phenol	12.4	10	µg/L	50.0		24.8	20-130	12.5	20	†
Pyrene (low)	45.7	25	µg/L	50.0		91.4	40-140	12.7	20	
Pyridine	9.77	5.0	µg/L	50.0		19.5	10-140	25.1	50	V-05 † ‡
1,2,4,5-Tetrachlorobenzene	46.8	10	µg/L	50.0		93.5	40-140	7.48	20	
1,2,4-Trichlorobenzene	46.0	5.0	µg/L	50.0		91.9	40-140	5.78	20	
2,4,5-Trichlorophenol	45.6	10	µg/L	50.0		91.2	30-130	8.10	20	
2,4,6-Trichlorophenol	47.0	10	µg/L	50.0		94.0	30-130	8.96	50	‡
Surrogate: 2-Fluorophenol	78.1		µg/L	200		39.1	15-110			
Surrogate: Phenol-d6	48.9		µg/L	200		24.5	15-110			
Surrogate: Nitrobenzene-d5	72.6		µg/L	100		72.6	30-130			
Surrogate: Nitrobenzene-d5 (low)	82.5		µg/L	100		82.5	30-130			
Surrogate: 2-Fluorobiphenyl	91.5		µg/L	100		91.5	30-130			
Surrogate: 2-Fluorobiphenyl (low)	85.7		µg/L	100		85.7	30-130			
<b>Surrogate: 2,4,6-Tribromophenol</b>	268		µg/L	200		<b>134 *</b>	15-110			S-07
Surrogate: p-Terphenyl-d14	105		µg/L	100		105	30-130			
Surrogate: p-Terphenyl-d14 (low)	70.7		µg/L	100		70.7	30-130			

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132575 - SW-846 3510C</b>										
<b>Blank (B132575-BLK1)</b>										
					Prepared: 10/09/15 Analyzed: 10/12/15					
C9-C18 Aliphatics	ND	100	µg/L							R-05
C19-C36 Aliphatics	ND	100	µg/L							
C11-C22 Aromatics	ND	100	µg/L							
C9-C36 TPH by MA EPH	ND	100	µg/L							
Unadjusted C9-C36 TPH by MA EPH	ND	100	µg/L							
Acenaphthene	ND	2.0	µg/L							
Acenaphthylene	ND	2.0	µg/L							
Anthracene	ND	2.0	µg/L							
Benzo(a)anthracene	ND	2.0	µg/L							
Benzo(a)pyrene	ND	2.0	µg/L							
Benzo(b)fluoranthene	ND	2.0	µg/L							
Benzo(g,h,i)perylene	ND	2.0	µg/L							
Benzo(k)fluoranthene	ND	2.0	µg/L							
Chrysene	ND	2.0	µg/L							
Dibenz(a,h)anthracene	ND	2.0	µg/L							
Fluoranthene	ND	2.0	µg/L							
Fluorene	ND	2.0	µg/L							
Indeno(1,2,3-cd)pyrene	ND	2.0	µg/L							
2-Methylnaphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
Phenanthrene	ND	2.0	µg/L							
Pyrene	ND	2.0	µg/L							
n-Decane	ND	2.0	µg/L							
n-Docosane	ND	2.0	µg/L							
n-Dodecane	ND	2.0	µg/L							
n-Eicosane	ND	2.0	µg/L							
n-Hexacosane	ND	2.0	µg/L							
n-Hexadecane	ND	2.0	µg/L							
n-Hexatriacontane	ND	2.0	µg/L							
n-Nonadecane	ND	2.0	µg/L							
n-Nonane	ND	2.0	µg/L							R-05
n-Octacosane	ND	2.0	µg/L							
n-Octadecane	ND	2.0	µg/L							
n-Tetracosane	ND	2.0	µg/L							
n-Tetradecane	ND	2.0	µg/L							
n-Triacontane	ND	2.0	µg/L							
Naphthalene-aliphatic fraction	ND	2.0	µg/L							
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L							
Surrogate: Chlorooctadecane (COD)	76.0		µg/L	99.8		76.2	40-140			
Surrogate: o-Terphenyl (OTP)	105		µg/L	100		105	40-140			
Surrogate: 2-Bromonaphthalene	110		µg/L	100		110	40-140			
Surrogate: 2-Fluorobiphenyl	113		µg/L	100		113	40-140			

39 Spruce Street \* East Longmeadow, MA 01028 \* FAX 413/525-6405 \* TEL. 413/525-2332

**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132575 - SW-846 3510C**

**LCS (B132575-BS1)**

Prepared: 10/09/15 Analyzed: 10/12/15

C9-C36 TPH by MA EPH	ND	100	µg/L	1400			0-200			
Unadjusted C9-C36 TPH by MA EPH	ND	100	µg/L				0-200			
Acenaphthene	92.3	2.0	µg/L	100		92.3	40-140			
Acenaphthylene	89.3	2.0	µg/L	100		89.3	40-140			
Anthracene	99.9	2.0	µg/L	100		99.9	40-140			
Benzo(a)anthracene	94.7	2.0	µg/L	100		94.7	40-140			
Benzo(a)pyrene	92.3	2.0	µg/L	100		92.3	40-140			
Benzo(b)fluoranthene	93.6	2.0	µg/L	100		93.6	40-140			
Benzo(g,h,i)perylene	99.6	2.0	µg/L	100		99.6	40-140			
Benzo(k)fluoranthene	91.3	2.0	µg/L	100		91.3	40-140			
Chrysene	94.7	2.0	µg/L	100		94.7	40-140			
Dibenz(a,h)anthracene	98.1	2.0	µg/L	100		98.1	40-140			
Fluoranthene	98.2	2.0	µg/L	100		98.2	40-140			
Fluorene	96.7	2.0	µg/L	100		96.7	40-140			
Indeno(1,2,3-cd)pyrene	96.3	2.0	µg/L	100		96.3	40-140			
2-Methylnaphthalene	83.6	2.0	µg/L	100		83.6	40-140			
Naphthalene	72.1	2.0	µg/L	100		72.1	40-140			
Phenanthrene	99.4	2.0	µg/L	100		99.4	40-140			
Pyrene	98.1	2.0	µg/L	100		98.1	40-140			
n-Decane	46.7	2.0	µg/L	100		46.7	40-140			
n-Docosane	86.5	2.0	µg/L	100		86.5	40-140			
n-Dodecane	66.7	2.0	µg/L	100		66.7	40-140			
n-Eicosane	89.1	2.0	µg/L	100		89.1	40-140			
n-Hexacosane	86.5	2.0	µg/L	100		86.5	40-140			
n-Hexadecane	88.2	2.0	µg/L	100		88.2	40-140			
n-Hexatriacontane	84.3	2.0	µg/L	100		84.3	40-140			
n-Nonadecane	89.3	2.0	µg/L	100		89.3	40-140			
n-Nonane	34.3	2.0	µg/L	100		34.3	30-140			R-05
n-Octacosane	86.4	2.0	µg/L	100		86.4	40-140			
n-Octadecane	88.6	2.0	µg/L	100		88.6	40-140			
n-Tetracosane	94.6	2.0	µg/L	100		94.6	40-140			
n-Tetradecane	81.1	2.0	µg/L	100		81.1	40-140			
n-Triacontane	84.3	2.0	µg/L	100		84.3	40-140			
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	78.0		µg/L	99.8		78.2	40-140			
Surrogate: o-Terphenyl (OTP)	90.1		µg/L	100		90.1	40-140			
Surrogate: 2-Bromonaphthalene	92.2		µg/L	100		92.2	40-140			
Surrogate: 2-Fluorobiphenyl	95.2		µg/L	100		95.2	40-140			

**LCS Dup (B132575-BS1)**

Prepared: 10/09/15 Analyzed: 10/12/15

C9-C36 TPH by MA EPH	ND	100	µg/L	1400			0-200	NC		
Unadjusted C9-C36 TPH by MA EPH	ND	100	µg/L				0-200	NC		
Acenaphthene	91.1	2.0	µg/L	100		91.1	40-140	1.29	25	
Acenaphthylene	88.2	2.0	µg/L	100		88.2	40-140	1.32	25	
Anthracene	98.2	2.0	µg/L	100		98.2	40-140	1.73	25	
Benzo(a)anthracene	92.7	2.0	µg/L	100		92.7	40-140	2.08	25	
Benzo(a)pyrene	90.4	2.0	µg/L	100		90.4	40-140	2.03	25	
Benzo(b)fluoranthene	91.8	2.0	µg/L	100		91.8	40-140	2.05	25	
Benzo(g,h,i)perylene	97.3	2.0	µg/L	100		97.3	40-140	2.34	25	
Benzo(k)fluoranthene	89.6	2.0	µg/L	100		89.6	40-140	1.95	25	
Chrysene	92.7	2.0	µg/L	100		92.7	40-140	2.15	25	

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - EPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132575 - SW-846 3510C</b>										
<b>LCS Dup (B132575-BSD1)</b>										
					Prepared: 10/09/15 Analyzed: 10/12/15					
Dibenz(a,h)anthracene	96.1	2.0	µg/L	100		96.1	40-140	2.00	25	
Fluoranthene	96.2	2.0	µg/L	100		96.2	40-140	2.03	25	
Fluorene	95.5	2.0	µg/L	100		95.5	40-140	1.24	25	
Indeno(1,2,3-cd)pyrene	95.0	2.0	µg/L	100		95.0	40-140	1.27	25	
2-Methylnaphthalene	81.4	2.0	µg/L	100		81.4	40-140	2.76	25	
Naphthalene	68.1	2.0	µg/L	100		68.1	40-140	5.65	25	
Phenanthrene	97.8	2.0	µg/L	100		97.8	40-140	1.57	25	
Pyrene	96.1	2.0	µg/L	100		96.1	40-140	2.10	25	
<b>n-Decane</b>	39.2	2.0	µg/L	100		<b>39.2</b> *	40-140	17.4	25	L-07
n-Docosane	86.6	2.0	µg/L	100		86.6	40-140	0.120	25	
n-Dodecane	64.7	2.0	µg/L	100		64.7	40-140	3.10	25	
n-Eicosane	89.2	2.0	µg/L	100		89.2	40-140	0.112	25	
n-Hexacosane	87.1	2.0	µg/L	100		87.1	40-140	0.666	25	
n-Hexadecane	89.1	2.0	µg/L	100		89.1	40-140	0.954	25	
n-Hexatriacontane	85.3	2.0	µg/L	100		85.3	40-140	1.18	25	
n-Nonadecane	89.6	2.0	µg/L	100		89.6	40-140	0.362	25	
<b>n-Nonane</b>	25.5	2.0	µg/L	100		<b>25.5</b> *	30-140	<b>29.6</b> *	25	L-07A
n-Octacosane	87.2	2.0	µg/L	100		87.2	40-140	0.920	25	
n-Octadecane	89.0	2.0	µg/L	100		89.0	40-140	0.489	25	
n-Tetracosane	95.0	2.0	µg/L	100		95.0	40-140	0.466	25	
n-Tetradecane	81.7	2.0	µg/L	100		81.7	40-140	0.788	25	
n-Triacontane	85.3	2.0	µg/L	100		85.3	40-140	1.20	25	
Naphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
2-Methylnaphthalene-aliphatic fraction	ND	2.0	µg/L	100			0-5			
Surrogate: Chlorooctadecane (COD)	77.6		µg/L	99.8		77.7	40-140			
Surrogate: o-Terphenyl (OTP)	87.9		µg/L	100		87.9	40-140			
Surrogate: 2-Bromonaphthalene	90.6		µg/L	100		90.6	40-140			
Surrogate: 2-Fluorobiphenyl	93.3		µg/L	100		93.3	40-140			

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132616 - MA VPH**

**Blank (B132616-BLK1)**

Prepared: 10/09/15 Analyzed: 10/10/15

C5-C8 Aliphatics	ND	100	µg/L							
C9-C12 Aliphatics	ND	100	µg/L							
C9-C10 Aromatics	ND	100	µg/L							
Benzene	ND	1.0	µg/L							
Butylcyclohexane	ND	1.0	µg/L							
Decane	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
2-Methylpentane	ND	1.0	µg/L							
Naphthalene	ND	5.0	µg/L							
Nonane	ND	1.0	µg/L							
Pentane	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
2,2,4-Trimethylpentane	ND	1.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Surrogate: 2,5-Dibromotoluene (FID)	42.9		µg/L	40.0		107	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	44.1		µg/L	40.0		110	70-130			

**LCS (B132616-BS1)**

Prepared: 10/09/15 Analyzed: 10/10/15

Benzene	83.3	1.0	µg/L	100		83.3	70-130			
Butylcyclohexane	88.4	1.0	µg/L	100		88.4	70-130			
Decane	95.5	1.0	µg/L	100		95.5	70-130			
Ethylbenzene	90.5	1.0	µg/L	100		90.5	70-130			
Methyl tert-Butyl Ether (MTBE)	95.1	1.0	µg/L	100		95.1	70-130			
2-Methylpentane	103	1.0	µg/L	100		103	70-130			
Naphthalene	99.0	5.0	µg/L	100		99.0	70-130			
Nonane	90.5	1.0	µg/L	100		90.5	70-130			
Pentane	87.3	1.0	µg/L	100		87.3	70-130			
Toluene	89.6	1.0	µg/L	100		89.6	70-130			
1,2,4-Trimethylbenzene	88.3	1.0	µg/L	100		88.3	70-130			
2,2,4-Trimethylpentane	93.3	1.0	µg/L	100		93.3	70-130			
m+p Xylene	182	2.0	µg/L	200		91.0	70-130			
o-Xylene	90.3	1.0	µg/L	100		90.3	70-130			
Surrogate: 2,5-Dibromotoluene (FID)	46.0		µg/L	40.0		115	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	47.9		µg/L	40.0		120	70-130			

**LCS Dup (B132616-BSD1)**

Prepared: 10/09/15 Analyzed: 10/10/15

Benzene	77.4	1.0	µg/L	100		77.4	70-130	7.36	25	
Butylcyclohexane	86.1	1.0	µg/L	100		86.1	70-130	2.62	25	
Decane	89.5	1.0	µg/L	100		89.5	70-130	6.59	25	
Ethylbenzene	80.8	1.0	µg/L	100		80.8	70-130	11.4	25	
Methyl tert-Butyl Ether (MTBE)	86.0	1.0	µg/L	100		86.0	70-130	10.0	25	
2-Methylpentane	104	1.0	µg/L	100		104	70-130	0.975	25	
Naphthalene	96.0	5.0	µg/L	100		96.0	70-130	3.01	25	
Nonane	88.1	1.0	µg/L	100		88.1	70-130	2.64	25	
Pentane	82.8	1.0	µg/L	100		82.8	70-130	5.28	25	
Toluene	79.6	1.0	µg/L	100		79.6	70-130	11.8	25	
1,2,4-Trimethylbenzene	80.0	1.0	µg/L	100		80.0	70-130	9.78	25	
2,2,4-Trimethylpentane	95.1	1.0	µg/L	100		95.1	70-130	1.92	25	
m+p Xylene	163	2.0	µg/L	200		81.3	70-130	11.3	25	

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**QUALITY CONTROL**

**Petroleum Hydrocarbons Analyses - VPH - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132616 - MA VPH**

**LCS Dup (B132616-BSD1)**

Prepared: 10/09/15 Analyzed: 10/10/15

o-Xylene	80.8	1.0	µg/L	100		80.8	70-130	11.1	25	
Surrogate: 2,5-Dibromotoluene (FID)	47.5		µg/L	40.0		119	70-130			
Surrogate: 2,5-Dibromotoluene (PID)	48.1		µg/L	40.0		120	70-130			

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**QUALITY CONTROL**

**Metals Analyses (Dissolved) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B132676 - SW-846 3005A Dissolved**

**Blank (B132676-BLK1)**

Prepared: 10/10/15 Analyzed: 10/14/15

Arsenic	ND	2.0	µg/L							
Barium	ND	50	µg/L							
Cadmium	ND	2.5	µg/L							
Chromium	ND	5.0	µg/L							
Lead	ND	5.0	µg/L							
Selenium	ND	25	µg/L							
Silver	ND	2.5	µg/L							

**LCS (B132676-BS1)**

Prepared: 10/10/15 Analyzed: 10/14/15

Arsenic	262	2.0	µg/L	250		105	80-120			
Barium	266	50	µg/L	250		106	80-120			
Cadmium	268	2.5	µg/L	250		107	80-120			
Chromium	265	5.0	µg/L	250		106	80-120			
Lead	248	5.0	µg/L	250		99.3	80-120			
Selenium	268	25	µg/L	250		107	80-120			
Silver	267	2.5	µg/L	250		107	80-120			

**LCS Dup (B132676-BSD1)**

Prepared: 10/10/15 Analyzed: 10/14/15

Arsenic	263	2.0	µg/L	250		105	80-120	0.311	20	
Barium	264	50	µg/L	250		105	80-120	0.787	20	
Cadmium	271	2.5	µg/L	250		108	80-120	0.999	20	
Chromium	266	5.0	µg/L	250		106	80-120	0.439	20	
Lead	249	5.0	µg/L	250		99.8	80-120	0.514	20	
Selenium	271	25	µg/L	250		108	80-120	1.09	20	
Silver	269	2.5	µg/L	250		108	80-120	1.09	20	

**Duplicate (B132676-DUP1)**

**Source: 15J0358-01**

Prepared: 10/10/15 Analyzed: 10/14/15

Arsenic	ND	2.0	µg/L		ND			NC	20	
Barium	ND	50	µg/L		ND			NC	20	
Cadmium	ND	2.5	µg/L		ND			NC	20	
Chromium	ND	5.0	µg/L		ND			NC	20	
Lead	ND	5.0	µg/L		ND			NC	20	
Selenium	ND	25	µg/L		ND			NC	20	
Silver	ND	2.5	µg/L		ND			NC	20	

**Matrix Spike (B132676-MS1)**

**Source: 15J0358-01**

Prepared: 10/10/15 Analyzed: 10/14/15

Arsenic	269	2.0	µg/L	250	ND	107	75-125			
Barium	317	50	µg/L	250	49.0	107	75-125			
Cadmium	267	2.5	µg/L	250	ND	107	75-125			
Chromium	265	5.0	µg/L	250	ND	106	75-125			
Lead	255	5.0	µg/L	250	ND	102	75-125			
Selenium	267	25	µg/L	250	ND	107	75-125			
Silver	208	2.5	µg/L	250	ND	83.1	75-125			

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**QUALITY CONTROL**

**Metals Analyses (Dissolved) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B132729 - SW-846 7470A Prep</b>										
<b>Blank (B132729-BLK1)</b>				Prepared: 10/12/15 Analyzed: 10/14/15						
Mercury	ND	0.00010	mg/L							
<b>LCS (B132729-BS1)</b>				Prepared: 10/12/15 Analyzed: 10/14/15						
Mercury	0.00185	0.00010	mg/L	0.00200		92.4	80-120			
<b>LCS Dup (B132729-BSD1)</b>				Prepared: 10/12/15 Analyzed: 10/14/15						
Mercury	0.00174	0.00010	mg/L	0.00200		87.2	80-120	5.72	20	
<b>Duplicate (B132729-DUP1)</b>				<b>Source: 15J0358-01</b>			Prepared: 10/12/15 Analyzed: 10/14/15			
Mercury	ND	0.00010	mg/L		ND			NC	20	
<b>Matrix Spike (B132729-MS1)</b>				<b>Source: 15J0358-01</b>			Prepared: 10/12/15 Analyzed: 10/14/15			
Mercury	0.00194	0.00010	mg/L	0.00200	0.0000202	96.0	75-125			
<b>Matrix Spike Dup (B132729-MSD1)</b>				<b>Source: 15J0358-01</b>			Prepared: 10/12/15 Analyzed: 10/14/15			
Mercury	0.00193	0.00010	mg/L	0.00200	0.0000202	95.6	75-125	0.398	20	

**FLAG/QUALIFIER SUMMARY**

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.
V-04	Initial calibration did not meet method specifications. Compound was calibrated using a response factor where %RSD is outside of method specified criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
V-19	Initial calibration did not meet method specifications. Compound was calibrated using linear regression with correlation coefficient <0.99. Reduced precision and accuracy may be associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

<b>Analyte</b>	<b>Certifications</b>
<b>MADEP-EPH-04-1.1 in Water</b>	
C9-C18 Aliphatics	CT,NC,WA,ME,NH-P
C19-C36 Aliphatics	CT,NC,WA,ME,NH-P
C11-C22 Aromatics	CT,NC,WA,ME,NH-P
Naphthalene	CT,NC,WA,ME,NH-P
<b>MADEP-VPH-04-1.1 in Water</b>	
C5-C8 Aliphatics	CT,NC,WA,ME,NH-P
C9-C12 Aliphatics	CT,NC,WA,ME,NH-P
C9-C10 Aromatics	CT,NC,WA,ME,NH-P
Benzene	CT,NC,WA,ME,NH-P
Ethylbenzene	CT,NC,WA,ME,NH-P
Methyl tert-Butyl Ether (MTBE)	CT,NC,WA,ME,NH-P
Naphthalene	CT,NC,WA,ME,NH-P
Toluene	CT,NC,WA,ME,NH-P
m+p Xylene	CT,NC,WA,ME,NH-P
o-Xylene	CT,NC,WA,ME,NH-P
<b>SW-846 6020A in Water</b>	
Arsenic	CT,NH,NY,NC,ME,VA,NJ
Barium	MA,NY,CT,NC,NH,ME,VA,NJ
Cadmium	CT,NH,NY,NC,ME,VA,NJ
Chromium	CT,NH,NY,NC,ME,VA,NJ
Lead	CT,NH,NY,NC,ME,VA,NJ
Selenium	CT,NH,NY,NC,ME,VA,NJ
Silver	CT,NC,NH,NY,ME,VA,NJ
<b>SW-846 7470A in Water</b>	
Mercury	CT,NH,NY,NC,ME,VA,NJ
<b>SW-846 8260C in Water</b>	
Acetone	CT,NY,ME,NH,VA,NJ
Acrylonitrile	CT,NY,ME,NH,VA,NJ
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA,NJ
Benzene	CT,NY,ME,NH,VA,NJ
Bromochloromethane	NY,ME,NH,VA,NJ
Bromodichloromethane	CT,NY,ME,NH,VA,NJ
Bromoform	CT,NY,ME,NH,VA,NJ
Bromomethane	CT,NY,ME,NH,VA,NJ
2-Butanone (MEK)	CT,NY,ME,NH,VA,NJ
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA,NJ
n-Butylbenzene	NY,ME,VA,NJ
sec-Butylbenzene	NY,ME,VA,NJ
tert-Butylbenzene	NY,ME,VA,NJ
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA,NJ
Carbon Disulfide	CT,NY,ME,NH,VA,NJ
Carbon Tetrachloride	CT,NY,ME,NH,VA,NJ
Chlorobenzene	CT,NY,ME,NH,VA,NJ
Chlorodibromomethane	CT,NY,ME,NH,VA,NJ
Chloroethane	CT,NY,ME,NH,VA,NJ

## CERTIFICATIONS

## Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
Chloroform	CT,NY,ME,NH,VA,NJ
Chloromethane	CT,NY,ME,NH,VA,NJ
2-Chlorotoluene	NY,ME,NH,VA,NJ
4-Chlorotoluene	NY,ME,NH,VA,NJ
Dibromomethane	NY,ME,NH,VA,NJ
1,2-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
1,4-Dichlorobenzene	CT,NY,ME,NH,VA,NJ
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA,NJ
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA,NJ
1,1-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,2-Dichloroethane	CT,NY,ME,NH,VA,NJ
1,1-Dichloroethylene	CT,NY,ME,NH,VA,NJ
cis-1,2-Dichloroethylene	NY,ME,NJ
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA,NJ
1,2-Dichloropropane	CT,NY,ME,NH,VA,NJ
1,3-Dichloropropane	NY,ME,VA,NJ
2,2-Dichloropropane	NY,ME,NH,VA,NJ
1,1-Dichloropropene	NY,ME,NH,VA,NJ
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA,NJ
Diisopropyl Ether (DIPE)	NY,ME,NH,VA,NJ
Ethylbenzene	CT,NY,ME,NH,VA,NJ
Hexachlorobutadiene	CT,NY,ME,NH,VA,NJ
2-Hexanone (MBK)	CT,NY,ME,NH,VA,NJ
Isopropylbenzene (Cumene)	NY,ME,VA,NJ
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA,NJ
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA,NJ
Methylene Chloride	CT,NY,ME,NH,VA,NJ
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA,NJ
Naphthalene	NY,ME,NH,VA,NJ
n-Propylbenzene	CT,NY,ME,NH,VA,NJ
Styrene	CT,NY,ME,NH,VA,NJ
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA,NJ
Tetrachloroethylene	CT,NY,ME,NH,VA,NJ
Toluene	CT,NY,ME,NH,VA,NJ
1,2,3-Trichlorobenzene	NY,ME,NH,VA,NJ
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA,NJ
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA,NJ
1,1,2-Trichloroethane	CT,NY,ME,NH,VA,NJ
Trichloroethylene	CT,NY,ME,NH,VA,NJ
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA,NJ
1,2,3-Trichloropropane	NY,ME,NH,VA,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA,NJ
1,2,4-Trimethylbenzene	NY,ME,VA,NJ

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
1,3,5-Trimethylbenzene	NY,ME,VA,NJ
Vinyl Chloride	CT,NY,ME,NH,VA,NJ
m+p Xylene	CT,NY,ME,NH,VA
o-Xylene	CT,NY,ME,NH,VA
<i>SW-846 8270D in Water</i>	
Acetophenone	NC
Aniline	CT,NY,NC,ME,VA,NJ
Benzidine	CT,NY,NC,ME,NH,VA,NJ
Benzoic Acid	NY,NC,ME,NH,VA,NJ
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA,NJ
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA,NJ
Bis(2-chloroisopropyl)ether	CT,NY,NC,ME,NH,VA,NJ
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA,NJ
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA,NJ
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA,NJ
Carbazole	NC
4-Chloroaniline	CT,NY,NC,ME,NH,VA,NJ
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA,NJ
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA,NJ
2-Chlorophenol	CT,NY,NC,ME,NH,VA,NJ
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA,NJ
Dibenzofuran	CT,NY,NC,ME,NH,VA,NJ
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA,NJ
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA,NJ
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA,NJ
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA,NJ
3,3-Dichlorobenzidine	CT,NY,NC,ME,NH,VA,NJ
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA,NJ
Diethylphthalate	CT,NY,NC,ME,NH,VA,NJ
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA,NJ
Dimethylphthalate	CT,NY,NC,ME,NH,VA,NJ
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA,NJ
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA,NJ
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA,NJ
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA,NJ
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA,NJ
1,2-Diphenylhydrazine (as Azobenzene)	NC
Hexachlorobenzene	CT,NY,NC,ME,NH,VA,NJ
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA,NJ
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA,NJ
Hexachloroethane	CT,NY,NC,ME,NH,VA,NJ
Isophorone	CT,NY,NC,ME,NH,VA,NJ
1-Methylnaphthalene	NC
2-Methylphenol	CT,NY,NC,NH,VA,NJ
3/4-Methylphenol	CT,NY,NC,NH,VA,NJ
Naphthalene	CT,NY,NC,ME,NH,VA,NJ

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>SW-846 8270D in Water</i>	
2-Nitroaniline	CT,NY,NC,ME,NH,VA,NJ
3-Nitroaniline	CT,NY,NC,ME,NH,VA,NJ
4-Nitroaniline	CT,NY,NC,ME,NH,VA,NJ
Nitrobenzene	CT,NY,NC,ME,NH,VA,NJ
2-Nitrophenol	CT,NY,NC,ME,NH,VA,NJ
4-Nitrophenol	CT,NY,NC,ME,NH,VA,NJ
N-Nitrosodimethylamine	CT,NY,NC,ME,NH,VA,NJ
N-Nitrosodiphenylamine	CT,NY,NC,ME,NH,VA,NJ
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA,NJ
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NC,ME,NH,VA,NJ
Phenol	CT,NY,NC,ME,NH,VA,NJ
Pyridine	CT,NY,NC,ME,NH,VA,NJ
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA,NJ
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA,NJ
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA,NJ
2-Fluorophenol	NC

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2016
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2016
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2016
RI	Rhode Island Department of Health	LAO00112	12/30/2015
NC	North Carolina Div. of Water Quality	652	12/31/2015
NJ	New Jersey DEP	MA007 NELAP	10/30/2015
FL	Florida Department of Health	E871027 NELAP	06/30/2016
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2016
WA	State of Washington Department of Ecology	C2065	02/23/2016
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2015
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2016



Phone: 413-525-2332  
 Fax: 413-525-6405  
 Email: info@contestlabs.com  
 www.contestlabs.com

# CHAIN OF CUSTODY RECORD

39 Spruce Street  
 East Longmeadow, MA 01028

Page 1 of 1

Company Name: TRC  
 Address: 6 Ashley Drive  
Scarborough, ME 04074  
 Attention: Charlie Springer  
 Project Location: Foster Mill, Wilton, ME  
 Sampled By: Joe Laverriere / Joel Prellwitz

Project Proposal Provided? (for billing purposes)  
 yes  proposal date

Telephone: (207) 274-2615  
 Project #: 233392  
 Client PO#: 20150820

DATA DELIVERY (check all that apply)  
 FAX  EMAIL  WEBSITE

Fax #: \_\_\_\_\_  
 Email: Springer@TrcSolutions.com  
 Format:  PDF  EXCEL  GIS  
 OTHER None EGAD  
 "Enhanced Data Package"

Con-Test Lab ID <small>(laboratory use only)</small>	Client Sample ID / Description	Collection		Matrix Code	Preservation	Container Code
		Beginning Date/Time	Ending Date/Time			
01	MW-1	10/7		GW	U	
02	MW-2	10/7		GW	U	
03	MW-3	10/7		GW	U	
04	MW-4	10/7		GW	U	
05	MW-5	10/7		GW	U	
06	MW-6	10/7		GW	U	
07	<del>DUP-5</del> DUP-5	10/7		GW	U	

Comments: Project has QAPP, Changes to COC per 13 Denby. Triplicate not being analyzed. MWDI/MS

Relinquished by: (Signature) \_\_\_\_\_  
 Date/Time: 10/8/15

Received by: (Signature) \_\_\_\_\_  
 Date/Time: 10/8/15

Inspected by: (Signature) \_\_\_\_\_  
 Date/Time: 10/8/15

Delivered by: (Signature) \_\_\_\_\_  
 Date/Time: 10/8/15

Turnaround Time: 4.7 days

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

3	2	2	3	2	1	# of Containers
H	I	H	H	H	N	Preservation
V	A	V	A	P		Container Code
V	A	V	A	P		Matrix Code: GW= groundwater WW= wastewater DW= drinking water A= air S= soil/solid SL= sludge O= other
ANALYSIS REQUESTED						
VOCs (PHTSKSIN)						
SVOCs (PHTSKSIN)						
VPH RARMS						
EPH RARMS						
RCA & METALS						
RCA-8 MS DDP						

Matrix Code:  
 GW= groundwater  
 WW= wastewater  
 DW= drinking water  
 A= air  
 S= soil/solid  
 SL= sludge  
 O= other

Preservation:  
 I= Ice  
 H= HCL  
 M= Methanol  
 N= Nitric Acid  
 S= Sulfuric Acid  
 B= Sodium bisulfate  
 X= Na hydroxide  
 T= Na thiosulfate  
 O= Other

Container Code:  
 Field Filtered  
 Lab to Filter

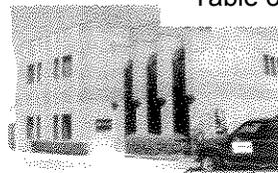
Matrix Code:  
 A= Amber glass  
 G= Glass  
 P= Plastic  
 ST= Sterile  
 V= Vial  
 S= Summa can  
 T= Tedlar bag  
 O= Other

Matrix Code:  
 GW= groundwater  
 WW= wastewater  
 DW= drinking water  
 A= air  
 S= soil/solid  
 SL= sludge  
 O= other

Is your project MCP or RCP?  
 MCP Form Required  
 RCP Form Required  
 MA State DW Form Required PWSID # \_\_\_\_\_

Accredited:  
 NELAC & AHA-LAP, LLC  
 WBE/DBE Certified

39 Spruce St.  
 East Longmeadow, MA. 01028  
 P: 413-525-2332  
 F: 413-525-6405  
 www.contestlabs.com



**Sample Receipt Checklist**

CLIENT NAME: TRC RECEIVED BY: JDL DATE: 10/8/15

- 1) Was the chain(s) of custody relinquished and signed? Yes  No  No CoC Included
- 2) Does the chain agree with the samples? Yes  No   
 If not, explain:
- 3) Are all the samples in good condition? Yes  No   
 If not, explain:

4) How were the samples received:  
 On Ice  Direct from Sampling  Ambient  In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)? Yes  No  N/A

Temperature °C by Temp blank \_\_\_\_\_ Temperature °C by Temp gun 47

5) Are there Dissolved samples for the lab to filter? Yes  No   
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No   
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

7) Location where samples are stored: 19  
Permission to subcontract samples? Yes No  
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

8) Do all samples have the proper Acid pH: Yes  No  N/A

9) Do all samples have the proper Base pH: Yes  No  N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes  No  N/A

**Containers received at Con-Test**

	# of containers			# of containers
1 Liter Amber	28		8 oz amber/clear jar	
500 mL Amber			4 oz amber/clear jar	
250 mL Amber (8oz amber)			2 oz amber/clear jar	
1 Liter Plastic			Plastic Bag / Ziploc	
500 mL Plastic			SOC Kit	
250 mL plastic	7		Non-ConTest Container	
40 mL Vial - type listed below	46		Perchlorate Kit	
Colisure / bacteria bottle			Flashpoint bottle	
Dissolved Oxygen bottle			Other glass jar	
Encore			Other	

Laboratory Comments: 4 TB's received off CoC.

40 mL vials: # HCl <u>46</u> # Methanol _____ Doc# 277 # Bisulfate _____ # DI Water _____ Rev. 4 August 2013 # Thiosulfate _____ Unpreserved _____	Time and Date Frozen: _____
--	-----------------------------

**Login Sample Receipt Checklist**

(Rejection Criteria Listing - Using Sample Acceptance Policy)

Any False statement will be brought to the attention of Client

Question	Answer (True/False)	Comment
	T/F/NA	
1) The cooler's custody seal, if present, is intact.	NA	
2) The cooler or samples do not appear to have been compromised or tampered with.	T	
3) Samples were received on ice.	T	
4) Cooler Temperature is acceptable.	T	
5) Cooler Temperature is recorded.	T	
6) COC is filled out in ink and legible.	T	
7) COC is filled out with all pertinent information.	T	
8) Field Sampler's name present on COC.	T	
9) There are no discrepancies between the sample IDs on the container and the COC.	T	
10) Samples are received within Holding Time.	T	
11) Sample containers have legible labels.	T	
12) Containers are not broken or leaking.	T	
13) Air Cassettes are not broken/open.	NA	
14) Sample collection date/times are provided.	T	
15) Appropriate sample containers are used.	T	
16) Proper collection media used.	T	
17) No headspace sample bottles are completely filled.	T	
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T	
19) Trip blanks provided if applicable.	T	
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	T	
21) Samples do not require splitting or compositing.	T	

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials:

JBL

Date/Time:

Date/Time: 10/8/15 1645

**APPENDIX E**

**DATA USABILITY ASSESSMENT**

**Forster Manufacturing – 581 Depot Street  
Wilton, ME**

**Data Usability Assessment  
Prepared: November 14, 2015**

**A. Overall Summary**

The data associated with wipe samples collected on September 23 and 24, 2015, a waste oil sample collected on September 23, 2015, surface soil, drain, sediment, and soil gas samples collected on September 24, 2015, soil samples collected on September 28 and 29, 2015, and groundwater samples collected on October 7, 2015 were reviewed. In general, data are usable for project decisions based on a review of accuracy, precision, and sensitivity of the data. Although there were select quality control (QC) nonconformances, the data are valid as reported and may be used for decision-making purposes with the following cautions and limitations.

- The nondetect results for benzidine in samples MW-2/0-4, Sed-3, and S-4 cannot be used to achieve project objectives due to significantly low recoveries (<10%) in the MS/MSD.
- The nondetect results for benzoic acid in all groundwater samples cannot be used to achieve project objectives due to significantly low recoveries (<10%) in the LCS and LCS Duplicate.
- Results for arsenic in sediment samples, cadmium in waste oil, and select VOCs, SVOCs and metals in groundwater samples cannot be used to verify the achievement of the project action levels as the quantitation limits for these analytes are above these project action levels.
- Caution should be used with the SVOC results in sample Sed-3 due to field duplicate variability. The original sample results for SVOCs in this sample are consistently higher than the field duplicate sample and in one case (indeno[1,2,3-cd]pyrene), the original sample result exceeds the project action level when the result in the field duplicate sample falls below the project action levels. In order to remain conservative, the SVOC results from the original sample should be used at this location.
- Caution should be used with the benzo(a)pyrene result in sample MW-2/0-4 due to field duplicate variability. The original sample result for benzo(a)pyrene in this sample is higher than the field duplicate sample and also exceeds the project action level when the result in the field duplicate sample falls below the project action level. In order to remain conservative, the benzo(a)pyrene result from the original sample should be used at this location.

**Samples Included in the Data Usability Assessment:**

**Surface Soil Samples: S-1, S-2, S-3, S-4**

**Soil Samples: MW-1/1-2, MW-1/13-15, MW-2/0-4, MW-2/4-8, MW-2/15-16, MW-3/0-2, MW-3/12-14, MW-4/0.5-4, MW-4/8-10, MW-5/0.5-3.5, MW-5/8-10, MW-6/0.5-4, MW-6/4-6, SB-7/0-4, SB-7/12-14, SB-8/0-2, SB-8/12-13, SB-9/0.5-4, SB-9/11-12, SB-10/0.5-4, SB-10/4-8**

**Groundwater Samples: MW-101, MW-2, MW-3, MW-4, MW-5, MW-6**

**Drain Samples: Drain-1, Drain-2, Drain-3**

**Sediment Samples: Sed-1, Sed-2, Sed-3, Sed-4**

**Waste Oil Sample: Waste-5**

**Wipe Samples: PCB-1, PCB-2, PCB-3, PCB-4, PCB-5, PCB-6, PCB-7, PCB-8, PCB-9, PCB-10**

**Soil Gas Samples: SG-1, SG-2, SG-3, SG-4**

**Field Duplicates:** Drain-2 (VOCs, VPH, EPH, SVOCs, PCB Aroclors, RCRA-8 metals), Sed-3 (VOCs, VPH, EPH, SVOCs, PCB Aroclors, RCRA-8 metals), MW-3 (VOCs, VPH, EPH, SVOCs, Dissolved RCRA-8 metals), S-4 (SVOCs, RCRA-8 metals), MW-2/0-4 (VOCs, VPH, EPH, SVOCs, PCB Aroclors, RCRA-8 metals), SG-3 (APH, TO-15)

**MS/MSDs:** Sed-2 (PCB Aroclors), Sed-3 (SVOCs, RCRA-8 metals), S-4 (SVOCs, RCRA-8 metals), Drain-2 (SVOCs, RCRA-8 metals), Waste-5 (metals), MW-1/1-2 (mercury), MW-1/13-15 (EPH, PCB Aroclors, lead), MW-2/0-4 (SVOCs), MW-2/4-8 (RCRA-8 metals), MW-1 (Dissolved RCRA-8 metals)

**Analyses Performed:**

**Surface Soil:** EPH, SVOCs, RCRA-8 metals

**Soil:** VOCs, VPH, EPH, SVOCs, PCB Aroclors, RCRA-8 Metals

**Groundwater:** VOCs, VPH, EPH, SVOCs, RCRA-8 Metals (dissolved)

**Drain:** VOCs, VPH, EPH, SVOCs, PCB Aroclors, RCRA-8 Metals

**Sediment:** VOCs, VPH, EPH, SVOCs, PCB Aroclors, RCRA-8 Metals

**Waste Oil:** PCB Aroclors, total metals (arsenic, cadmium, chromium, lead), total halogens, flashpoint

**Wipe:** PCB Aroclors

**Soil Gas:** APH, TO-15

**Laboratory Data Packages:** 15I1129, 15I1137, 15I1393, 15J0358 (Con-test Analytical)

**B. Sensitivity Evaluation**

**Soil Samples:** Sensitivity was acceptable for all analyses of soil samples (i.e., nondetect results exhibited quantitation limits [QLs] below the applicable Maine DEP Remedial Action Guidelines [RAGs] for Commercial Worker and Construction Worker exposure scenarios).

**Drain Samples:** Sensitivity was acceptable for all analyses of drain samples (i.e., nondetect results exhibited QLs below the applicable Maine DEP RAGs for Commercial Worker and Construction Worker exposure scenarios).

**Sediment Samples:** With the exception of arsenic, sensitivity was acceptable for all analyses of sediment samples (i.e., nondetect results exhibited QLs below the applicable Maine DEP RAGs for Park User and Construction Worker exposure scenarios). The nondetect results for arsenic in the sediment samples (2.9 – 3.5 mg/kg) were slightly above the Maine DEP RAGs for the Park User scenario (2.3 mg/kg).

**Waste Oil Sample:** With the exception of cadmium, sensitivity was acceptable for the analyses of waste oil (i.e., nondetect results exhibited QLs below the applicable Maine Waste Oil Management Rules for specification and off-specification waste oil). The QL of cadmium (5.9 mg/kg) was above the specification waste oil rule (2 mg/kg).

**Soil Gas Samples:** Sensitivity was acceptable for all analyses of soil gas samples (i.e., nondetect results exhibited QLs below the applicable Maine DEP RAGs for the Commercial Worker exposure scenario).

**Groundwater Samples:** Sensitivity was not acceptable for select VOCs, SVOCs and metals in the groundwater samples (i.e., nondetect results exhibited QLs above the applicable Maine DEP RAGs, Residential and Construction Worker scenarios). The following table summarizes the sensitivity exceedances which affect all groundwater samples.

Analyte Affected	Criteria Exceeded (µg/L)	Quantitation Limit (µg/L)
Acrylonitrile	Residential (0.6)	5.0
1,2-Dibromo-3-chloropropane	Construction Worker (1.2) Residential (0.4)	5.0
1,2-Dibromoethane	Residential (0.2)	0.50
1,4-Dioxane	Residential (4.0)	50

Analyte Affected	Criteria Exceeded (µg/L)	Quantitation Limit (µg/L)
1,1,2-Trichloroethane	Construction Worker (0.62)	1.0
1,2,3-Trichloropropane	Residential (0.01)	2.0
Vinyl chloride	Residential (0.2)	2.0
Benzo(a)pyrene	Residential (0.05)	0.10
Dibenz(a,h)anthracene	Residential (0.05)	0.20
Bis(2-chloroethyl)ether	Residential (0.3)	5.0
4-Chloroaniline	Residential (2)	5.0
Pentachloronitrobenzene		
3,3'-Dichlorobenzidine	Residential (0.8)	5.0
2,4-Dinitrotoluene	Residential (1)	5.0
Nitrobenzene		
2,6-Dinitrotoluene	Residential (0.5)	0.5
Hexachlorobenzene	Residential (0.2)	2.0
Pentachlorophenol	Residential (0.9)	5.0
Cadmium	Residential (1)	2.5

### C. Evaluation of Accuracy and Precision: Surface Soil, Soil, Sediment, and Drain Samples

There were no biases or uncertainty associated with the VPH and PCB Aroclor analyses of soil, sediment and drain samples. Biases and uncertainty associated with the VOC, SVOC, EPH, and metals analyses of the soil, sediment and drain samples are discussed below.

#### C-1. Low-Biased Results: Surface Soil, Soil, Sediment, and Drain Samples

The results for benzidine in samples MW-2/0-4, Sed-3, and S-4 cannot be used to achieve project objectives due to MS/MSD recoveries below 10%.

In general, the overall data usability and decision-making process were not affected by the remaining QC nonconformances, as shown in the table below.

Samples Affected	Analytes Affected	Reason for Low Bias	Reason Data Usability or Decision-making Process Not Affected
Drain-1	Bromomethane	Low recovery in LCS	Nondetect result for bromomethane significantly below project action levels in sample Drain-1.
Drain-1, Drain-2, Drain-3, S-4, Sed-1, Sed-2, Sed-3, Sed-4	Hexachlorocyclopentadiene, n-nitrosodimethylamine	Low recoveries in LCS and/or LCS Duplicate	No project action levels exist for the affected analytes.
Sed-3	Aniline, PAHs	Low recoveries in MS and/or MSD	No project action levels exist for aniline. Results for PAHs either above project action levels or significantly below project action levels.
S-4	Aniline, benzoic acid, hexachlorocyclopentadiene, pyridine, n-	Low recoveries in MS and/or MSD	No project action levels exist for aniline, hexachlorocyclopentadiene,

Samples Affected	Analytes Affected	Reason for Low Bias	Reason Data Usability or Decision-making Process Not Affected
	nitrosodimethylamine		pyridine, and n-nitrosodimethylamine. Nondetect result for benzoic acid significantly below project action levels in sample S-4.
Drain-1, Drain-2, Drain-3	Chromium, mercury	Low recoveries in MS and/or MSD	Results for chromium and mercury significantly below project action levels in affected samples.
S-1, S-2, S-3, S-4	Selenium	Low recovery in MS	Nondetect results for selenium significantly below project action levels in affected samples.
S-4	Lead	Low recovery in LCS	Result for lead significantly below project action levels in sample S-4.
MW-1/1-2	Dichlorodifluoromethane	Low recoveries in LCS and LCS Duplicate	Nondetect result for dichlorodifluoromethane significantly below project action levels in sample MW-1/1-2.
MW-1/1-2, MW-1/13-15, MW-2/0-4, MW-2/4-8, MW-2/15-16, MW-3/0-2, MW-3/12-14, MW-4/0.5-4, MW-4/8-10, MW-5/0.5-3.5, MW-5/8-10, MW-6/0.5-4, MW-6/4-6, SB-7/0-4, SB-7/12-14, SB-8/0-2, SB-8/12-13, SB-9/0.5-4, SB-9/11-12, SB-10/0.5-4, SB-10/4-8	Chloromethane, pyridine, benzoic acid	Low recoveries in LCS and/or LCS Duplicate	No project action levels exist for pyridine. Nondetect results for chloromethane and benzoic acid significantly below project action levels in affected samples.
MW-2/0-4	Aniline, benzoic acid, bis(2-chloroisopropyl)ether, 4-chloroaniline, 3,3'-dichlorobenzidine, hexachlorocyclopentadiene, hexachloroethane, n-nitrosodimethylamine, n-nitroso-di-n-propylamine, pyridine	Low recoveries in MS and/or MSD	No project action levels exist for aniline, bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, n-nitrosodimethylamine, n-nitroso-di-n-propylamine, and pyridine. Nondetect results for benzoic acid, 4-chloroaniline, 3,3'-dichlorobenzidine, and hexachloroethane significantly below project action levels in sample MW-2/0-4.
MW-1/13-15, MW-2/0-4, MW-2/4-8, MW-2/15-16, MW-3/0-2, MW-3/12-14, MW-4/0.5-4, MW-4/8-10, MW-5/0.5-3.5, MW-5/8-10, MW-6/0.5-4, MW-6/4-6, SB-7/0-4, SB-7/12-14, SB-8/0-2, SB-8/12-13, SB-9/0.5-4, SB-9/11-12, SB-10/0.5-4, SB-10/4-8	Barium, cadmium, lead	Low recoveries in LCS Duplicate	Results for barium and cadmium significantly below project action levels in affected samples. Results for lead either significantly below project action levels or above project action levels in affected samples.

## C-2. High-Biased Results: Surface Soil, Soil, Sediment, and Drain Samples

Potential high bias exists for select results due to various QC nonconformances. In general, the overall data usability and decision-making process were not affected by these QC nonconformances, as shown in the table below.

Samples Affected	Analytes Affected	Reason for High Bias	Reason Data Usability or Decision-making Process Not Affected
Drain-1	Tert-butyl alcohol,	High recoveries in LCS	Tert butyl alcohol and

Samples Affected	Analytes Affected	Reason for High Bias	Reason Data Usability or Decision-making Process Not Affected
	chloroethane	and/or LCS Duplicate	chloroethane not detected in sample Drain-1.
Drain-2, Drain-3, Sed-1, Sed-2, Sed-3, Sed-4	Bromochloromethane, sec-butylbenzene, n-propylbenzene	High recoveries in LCS Duplicate	No project action levels exist for bromochloromethane. Sec-butylbenzene and n-propylbenzene not detected in affected samples.
S-4	Fluoranthene, phenanthrene	High recoveries in MSD	Results for fluoranthene and phenanthrene below project action levels in sample S-4.
Sed-1, Sed-2, Sed-3, Sed-4	Barium, lead	High recoveries in MSD	Results for barium and lead below project action levels in affected samples.
MW-1/1-2	Naphthalene	High recoveries in LCS and LCS Duplicate	Result for naphthalene below project action levels in sample MW-1/1-2.

### C-3. Potential Uncertainty: Surface Soil, Soil, Sediment, and Drain Samples

Potential uncertainty exists for the SVOC results in sample Sed-3 due to field duplicate variability. The original sample results for SVOCs in this sample are consistently higher than the field duplicate sample and in one case (indeno[1,2,3-cd]pyrene), the original sample result exceeds the project action level when the result in the field duplicate sample falls below the project action levels. In order to remain conservative, the SVOC results from the original sample should be used at this location.

Potential uncertainty exists for the benzo(a)pyrene result in sample MW-2/0-4 due to field duplicate variability. The original sample result for benzo(a)pyrene in this sample is higher than the field duplicate sample and also exceeds the project action level when the result in the field duplicate sample falls below the project action level. In order to remain conservative, the benzo(a)pyrene result from the original sample should be used at this location.

In general, the overall data usability and decision-making process were not affected by the remaining QC nonconformances, as shown in the table below.

Samples Affected	Analytes Affected	Reason for Uncertainty	Reason Data Usability or Decision-making Process Not Affected
Drain-1	Bromomethane	LCS/LCS Duplicate variability	Nondetect result for bromomethane significantly below project action level in sample Drain-1.
S-4	Phenanthrene	MS/MSD variability	Result for phenanthrene significantly below project action levels in sample S-4.
S-1, S-2, S-3, S-4	Chromium, silver	Laboratory duplicate variability	Results for chromium and silver significantly below project action levels in affected samples.
S-1, S-2, S-3, S-4	Mercury	MS/MSD variability	Results for mercury significantly below project action levels in affected samples.
MW-2/0-4	Hexachlorocyclopentadiene	MS/MSD variability	No project action levels exist for hexachlorocyclopentadiene.
S-4	Barium, cadmium, chromium, silver	Field duplicate variability	Results for affected metals significantly below project action levels in sample S-4.
Drain-2	C <sub>11</sub> -C <sub>22</sub> Aromatics, arsenic, cadmium, lead	Field duplicate variability	Results for affected analytes consistently above or below project action levels in original and field

Samples Affected	Analytes Affected	Reason for Uncertainty	Reason Data Usability or Decision-making Process Not Affected
			duplicate samples.
MW-2/0-4	C <sub>11</sub> -C <sub>22</sub> Aromatics, acenaphthene, acenaphthylene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenz(a,h)anthracene, fluorene, indeno(1,2,3-cd)pyrene, pyrene, lead	Field duplicate variability	Results for C <sub>11</sub> -C <sub>22</sub> aromatics, acenaphthene, acenaphthylene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, dibenz(a,h)anthracene, fluorene, indeno(1,2,3-cd)pyrene, pyrene, and lead consistently and significantly below project action levels in original and field duplicate samples.
Drain-2	1,2,3-Trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,4-trimethylbenzene, 1,2-dibromo-3-chloropropane, 1,2-dichlorobenzene, 1,3,5-trichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, hexachlorobutadiene, naphthalene, n-butylbenzene, p-isopropyltoluene, sec-butylbenzene, tert butylbenzene	Low internal standard recovery	No project action levels exist for 1,3,5-trichlorobenzene and tert butyl alcohol. Nondetect results for remaining affected analytes in sample Drain-2 significantly below project action levels.

#### D. Evaluation of Accuracy and Precision: Groundwater Samples

There were no biases or uncertainty associated with the VPH, EPH, and metals analyses of groundwater samples. Biases and uncertainty associated with the VOC and SVOC analyses of the groundwater samples are discussed below.

##### D-1. Low-Biased Results: Groundwater Samples

The benzoic acid results in all groundwater samples cannot be used to achieve project objectives due to significantly low LCS recoveries (<10%).

In general, the overall data usability and decision-making process were not affected by the remaining QC nonconformances, as shown in the table below.

Samples Affected	Analytes Affected	Reason for Low Bias	Reason Data Usability or Decision-making Process Not Affected
All groundwater samples	Bromomethane, n-nitrosodimethylamine, benzidine	Low recoveries in LCS and/or LCS Duplicate	No project action levels exist for n-nitrosodimethylamine and benzidine. Nondetect results for bromomethane significantly below project action levels in affected samples.

##### D-2. High-Biased Results: Groundwater Samples

Potential high bias exists for select results due to various QC nonconformances. In general, the overall data usability and decision-making process were not affected by these QC nonconformances, as shown in the table below.

Samples Affected	Analytes Affected	Reason for High Bias	Reason Data Usability or Decision-making Process Not Affected
All groundwater samples	Acetone, 2-butanone,	High recoveries in LCS	Affected analytes not detected in

Samples Affected	Analytes Affected	Reason for High Bias	Reason Data Usability or Decision-making Process Not Affected
	tert butyl alcohol, chloroethane, 1,2-dibromo-3-chloropropane, 2,2-dichloropropane, 1,4-dioxane	and/or LCS Duplicate	any of groundwater samples.

### D-3. Potential Uncertainty: Groundwater Samples

Potential uncertainty bias exists for select results due to various QC nonconformances. In general, the overall data usability and decision-making process were not affected by these QC nonconformances, as shown in the table below.

Samples Affected	Analytes Affected	Reason for Uncertainty	Reason Data Usability or Decision-making Process Not Affected
All groundwater samples	Bromomethane, benzidine	LCS/LCS Duplicate variability	No project action levels exist for benzidine. Nondetect results for bromomethane significantly below project action levels in affected samples.

### E. Evaluation of Accuracy and Precision: Soil Gas Samples

There were no biases or uncertainty associated with the APH analyses of soil gas samples. Biases and uncertainty associated with the TO-15 analyses of the soil gas samples are discussed below.

#### E-1. High-Biased Results: Soil Gas Samples

Potential high bias exists for select results due to various QC nonconformances. In general, the overall data usability and decision-making process were not affected by these QC nonconformances, as shown in the table below.

Samples Affected	Analytes Affected	Reason for High Bias	Reason Data Usability or Decision-making Process Not Affected
All soil gas samples	Hexachlorobutadiene, 1,2,4-trichlorobenzene, Freon-113	High recoveries in LCS	Affected analytes not detected in any of the soil gas samples.

### F. Evaluation of Accuracy and Precision: Waste Oil and Wipe Samples

There were no biases or uncertainty associated with the PCB Aroclor, total halogen and flashpoint analyses of the waste oil sample and the PCB Aroclor analyses of the wipe samples.

**APPENDIX F**

**HAZARDOUS WASTE INVENTORY**

Appendix F  
Hazardous Waste Inventory Table  
Phase II Environmental Site Assessment Summary Report  
Forster Mill - Wilton, Maine

Location	Material Description	Potential / Identified Contaminant	Approximate Quantity	Concentration (if known)	Notes
Haz-1 - Basement: Former Printing Room	Possibly paint, or paint-like substance	Unidentified (possibly paint?)	~25 gallons	--	Solidified material in a half-full, white, plastic 55-gallon drum.
Haz-2 - Basement	Activated silica gel desiccant	SiO <sub>2</sub>	~25 lbs.	--	From Eagle Chemical, Mobile, AL.
Haz-3 - Basement: Pen Stocks	Food packaging adhesive/glue	Glue	5 gallons	--	Un-opened bucket.
Haz-4 - Second Floor: Former Offices, and Metal Exterior Shed	Ballasts	PCB	5 ballasts	--	Scattered across floor of former office space.
Haz-5 - Metal Exterior Shed	Compressed gas cylinders	Oxygen or acetylene	15 cylinders	--	Standing loose on floor of shed
Haz-6 - Metal Exterior Shed	Propane tank	Propane	1 tank	--	Typical tank used on a gas grill, etc.
Haz-7 - Metal Exterior Shed	Partially-filled buckets of hydraulic oil	Hydraulic oil	~5 buckets	--	Standing loose on floor of shed
Haz-8 - Metal Exterior Shed	Empty AST	Unidentified	1 AST (capacity unknown)	--	--
Haz-9 - Metal Exterior Shed	Buckets of unidentified materials	Unidentified	~12 buckets	--	Scattered throughout debris within the shed
Waste-1 - Photo Shed	Bag of black/red liquid	Unidentified	~1.5 gallons	--	Waste characterization sample; collected at 15:35, 9/23/2015, by JSL
Waste-2 - Photo Shed	Photo-development liquid	Photo-development liquid	1 gallon	--	Waste characterization sample; collected at 15:40, 9/23/2015, by JSL
Waste-3 - Metal Exterior Shed	Open-top bucket	Hydraulic oil	~4 gallons	--	Waste characterization sample; collected at 15:45, 9/23/2015, by JSL
Waste-4 - Metal Exterior Shed	Partially used jug	Unidentified	~0.5 gallon	--	Waste characterization sample; collected at 15:50, 9/23/2015, by JSL
Waste-5 - Metal Exterior Shed	Metal container, possibly a gas can	Unidentified	~0.5 gallon	--	Waste characterization sample; collected at 16:00, 9/23/2015, by JSL
Waste-6 - Basement: Former Printing Room	Green liquid	Unidentified	~1.5 gallons	--	Waste characterization sample; collected at 11:15, 9/24/2015, by JSL. Liquid was in a blue, plastic, 55-gallon drum

Notes:

Refer to Appendix A (Photo Log) for photographic documentation of hazardous waste inventory and other project activities.

Refer to Figures 3 and 4 for the locations of hazardous waste inventory and sampled waste.