

22-1185-11
June 28, 2015

Michiel Wackers
Director of Planning, Conservation, and Development
City of Middletown
245 deKoven Drive
Middletown, CT 06457

Re: **Phase II Environmental Site Assessment
Lot 3 and Lot 4 Harbor Drive
Middletown, Connecticut**

Dear Mr. Wackers:

Please find enclosed the Phase II Environmental Site Assessment (ESA) report for the properties located at Harbor Drive, Middletown, Connecticut.

We appreciate the opportunity to provide our services. If you have any questions or comments, please contact us.

Very truly yours,

TIGHE & BOND, INC.



Amy Vaillancourt, LEP
Project Manager



Tighe & Bond

Harbor Drive
Middletown, Connecticut

Phase II Environmental Site Assessment

Prepared For:

City of Middletown, Connecticut

June 2015

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Section 1

Introduction

Tighe & Bond has prepared this Phase II Environmental Site Assessment (Phase II ESA) report for Lot 3 and Lot 4 located on Harbor Drive, Middletown, Connecticut (herein referred to as the "site"). The parcels which comprise the site are referred to as the boathouse property (Lot 3) and Columbus Point (Lot 4). The Phase II was conducted for the City of Middletown (City) and was funded through an Environmental Protection Agency (EPA) Brownfields Assessment Grant (BF#96109301) and DECD Urban Sites Grant.

This Phase II ESA was conducted in general accordance with the Connecticut Department of Energy and Environmental Protection (CT DEEP) Site Characterization Guidance Document (SCGD), dated September 2007, revised December 2010.

The field work was conducted in accordance with the Quality Assurance Project Plan (QAPP) Addendum for Lot 3 and Lot 4 on Harbor Drive, approved by the EPA on November 25, 2014.

Section 2

Objectives

Tighe & Bond previously completed a Phase I Environmental Site Assessment (Phase I ESA) for the site in November 2014. The Phase I identified Recognized Environmental Conditions (RECs) associated with the site. This Phase II ESA was requested by the City in an effort to evaluate the environmental condition of the site in support of future redevelopment.

The objective of this Phase II ESA is to determine if releases of Constituents of Concern (COCs) have occurred to the environment from RECs identified during the Phase I ESA and herein referred to as Areas of Concern (AOCs). Additionally, the Phase II ESA data were evaluated to determine if further investigation and remediation is required for AOCs.

Section 3

Previous Investigations

A Phase I and partial Phase II Transfer Act Site Assessment (TASA) was conducted for Lot 4 by Dennis M. Foran, P.E. in August 1991. In addition, Tighe & Bond completed a Phase I ESA for the site in November 2014. Summaries of these previous investigations are provided below. No other investigations have been identified for the site.

According to the TASA the property was owned by Newfield Realty Company (aka Vinci Real Property, LLC) since July 1963 and was leased to Sherman-Tomasso Concrete, Inc., followed by Tilcon Connecticut, Inc. Tomasso/Tilcon operated a ready-mix concrete plant on-site until August 1990. Historically this parcel had been utilized by a succession of oil service businesses (circa 1946 to 1963) and coal storage facilities (circa late 1800s to 1940s). The report indicates several above ground storage tanks (ASTs), and underground storage tanks (USTs) historically existed on this parcel as well as a gas station that operated on the southwest side of the parcel (circa 1946 to 1957). The location and contents of the ASTs/USTs were not identified in the TASA. However, Tighe & Bond reviewed historical Sanborn Maps for the site and has provided additional information on ASTs/USTs identified for the site in various sections of this Phase I ESA.

The TASA indicates that prior to the use of the property as a concrete plant, the historical ASTs and USTs were removed and the entire site was raised approximately five-to-eight feet with fill for construction of the concrete plant. The report states that during the site walk, visible presence of buried materials such as timber, masonry, pieces of metal, etc) were observed protruding from the bank of the property along the Connecticut River. According to the report, no known wastes were treated or disposed on site with most recent or other past uses. However, the report indicates CTDEEP tested rinse waters from concrete trucks emptying into Sumner Brook in 1989. Laboratory results suggested impacts including high solids, chloride, and pH. Petroleum hydrocarbons analysis was not conducted. The report did not indicate any other releases identified for the site.

The TASA conclusions stated that no evidence or indication of any hazardous materials or contaminants were present based on the site walk and that there were no on-going activities at the site capable of generating any hazardous materials or contamination. It was recommended that test excavation holes be completed at the site to determine the nature of underlying fill as well as confirm the presence or absence of contaminants or hazardous materials.

The Phase II TASA included the advancement of two test-pits on the central portion of the Lot 4 parcel. The test-pits (TH-1 and TH-2) were advanced to 13.5-feet below grade (the limits of the excavation equipment). Neither test-pit was advanced in an area associated with historic UST use, however the Phase II TASA indicated that between 6 to 8-feet below grade 'soil with oily residue', 'noticeable odor', and 'oily stone and cinders' were observed. This depth corresponds to the elevation of the original grade, prior to the site being utilized as an aggregate concrete plant. Composite samples collected from the test-holes indicated total petroleum hydrocarbons (TPH) levels of 2,408-parts-per-million (this was analyzed using the outdated Oil & Grease method) and leachable lead at 0.32-milligrams-per-liter utilizing (mg/L) Toxicity Characteristic Leaching Procedure (TCLP).

The Phase II TASA recommended that the impacted soil be left in place, as it represented the original grade of the property and had been subsequently covered with 5 to 8-feet of clean fill, thus stabilized. Furthermore the report concluded, given the industrial use and historic filling of adjacent properties, a larger cleanup or removal plan may be warranted verses singling out the parcel for cleanup investigations.

No additional investigations were identified for Lot 4. The Phase II TASA did not appear to include any sampling or evaluation in the area of former USTs or the former gas station. No previous investigations are known to have been conducted for Lot 3.

In November 2014, Tighe & Bond conducted a Phase I ESA for the site (Lot 3 and Lot 4). A summary of the findings and AOCs identified are provided in Section 4.

Section 4

Site Description

4.1 Location

The site consists of two parcels designated with Property Identification Numbers 33-0003 (Lot 3) and 33-0004 (Lot 4) by the City of Middletown Tax Assessor's office. According to the City of Middletown Tax Assessor's Field Cards Lot 3 consists of 1.56 acres of land and Lot 4 consists of 1.0 acre of land. The site is owned by the City of Middletown. The site location is depicted on Figure 1 (Appendix A).

The site is located along the east side of Harbor Drive in Middletown's Riverfront Redevelopment Area. Access to the site is provided via Harbor Drive. The site is bound to the east by the Connecticut River, to the north Harbor Park Restaurant, to the west by Harbor Drive and Chester Bowles Highway (Route 9), and to the south by Sumner Brook and industrial properties along River Road.

According to the City of Middletown Tax Assessor's information, the site is zoned RF (Riverfront Recreation). The area surrounding the site is a combination of TD (Transitional Business) and B-1 (Central Business).

The properties surrounding the site consists of commercial and industrial uses. The properties surrounding the site include the following:

- East: Connecticut River
- West: Harbor Drive, followed by Route 9 northbound/southbound
- South: The confluence of Sumner Creek and the Connecticut River.
- Southeast: Former Peterson Oil Company property, City of Middletown Waste Water Treatment Plant, former OMO Manufacturing, and other industrial properties along River Road.
- Southwest: Various commercial properties along DeKoven Drive. This area historically consisted of industrial uses.
- North: Canoe Club restaurant, large paved parking area, and Harbor Park.

4.2 Site Operations and History

Current Use: Lot 4 currently exists as Columbus Point a public park and contains a paved parking lot, concrete walking paths and an open-air gazebo. The remainder of the parcel is landscaped grass, bordered by a chain-link fence on the Connecticut River and Sumner Creek. Lot 3 contains the City of Middletown boathouse and the Wesleyan University boathouse. A small portion of the parcel contains part of a larger paved parking lot which extends to the northwest and services the Canoe Club restaurant at 80 Harbor Drive. There is a large concrete boat ramp extending from the elevated grade of the boathouse parcel down to the Connecticut River. The current aerial photograph of the site is included in Figure 2.

Previous Uses: The site was used as a coal storage yard from at least 1901 to at least 1924 (Lot 4) and 1950 (Lot 3). From at least 1940 to 1960s Lot 4 was occupied by Goodrich Gasoline (filling station), J&H Garage, and Jims Oil Service. From the 1970s to 1990s Lot 4 was occupied by Tomasso Ready Mix Concrete Company. In 1992 the City

of Middletown purchased Lot 4 and created the existing Columbus Point public park. Lot 3 was purchased by the City sometime in the 1970s and the existing Middletown boathouse was constructed. The Wesleyan boathouse was added to Lot 3 circa 1992.

4.3 Areas of Concern

The following AOCs were identified by Tighe & Bond during the November 2014 Phase I ESA and investigated as part of this Phase II ESA:

AOC-1: Former Concrete Plant Operations including USTs & Fuel-Pump Island

The site operated as a concrete plant from at least 1979 to 1990s. Concrete mixing and storage were conducted at the site. According to the previous 1991 Phase I conducted for the site no known wastes were treated or disposed on site in association with concrete plant operations. However, the report indicates CTDEEP tested rinse waters from concrete trucks emptying into Sumner Brook in 1989. Laboratory results suggested impacts including high solids, chloride, and pH. Petroleum hydrocarbons analysis was not conducted. Based on documents obtained during the file review at CTDEEP, there were three gasoline USTs and a fuel-pump island previously located on the northeastern portion of Lot 4 when it operated as a concrete ready mix plant. In addition a heating oil UST was reportedly located near the boiler room on the western portion of the site. The 1991 Phase I/Phase II indicate that the four USTs and fuel-pump island were removed. No records documenting the removal were identified. No previous sampling appears to have been conducted in the area of these former USTs. Releases of petroleum products may have occurred from these UST systems as well as from trucks or refueling of trucks on site. Constituents of Concern (COCs) are volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) extractable total petroleum hydrocarbons (ETPH), and metals, specifically lead.

AOC-2: Former Filling station

According to the 1950 Sanborn Map, a "filling station" building was located on the southwest site of Lot 4 (listed as 26 Harbor Drive). Two apparent gasoline tanks are depicted on the west side of the building. According to directories reviewed, 26 Harbor Drive was formerly occupied by Goodrich Gasoline (circa 1940), J&H Garage (circa 1950), and Jim's Oil Service (circa 1960). Additional USTs or ASTs could have been present on the site associated with these companies. Releases of petroleum products including gasoline, motor oil, and waste oil could have occurred in association with these former operations. COCs are VOCs, ETPH, SVOCs, polychlorinated biphenyls (PCBs), and metals, specifically lead.

AOC -3: Former Metal Oil Tanks

According to the 1950 Sanborn Map, three "metal oil tanks" were depicted near the center of Lot 4. The tanks are depicted on the north side of an unidentified structure. It is unknown if these tanks existed as ASTs or USTs. During the 1991 Phase II two test pits were excavated in this general area and petroleum impacts to soils were noted at depths of 6-8 feet bg. It is unknown if these petroleum impacts resulted from releases from the metal oil tanks or another potential source. COCs are VOCs, ETPH, and SVOCs.

AOC-4: Historic Coal Storage

The Sanborn maps indicate that the site (both Lot 3 and Lot 4) operated as a coal storage yard from at least 1901 to at least 1924 for Lot 4 and 1950 for Lot 3. Historic coal pockets and coke piles existed at the site and may have been buried when the

grade was raised 5-to-8 feet prior to use as a concrete aggregate plant. COCs are SVOCs and metals.

AOC-5: Fill Material

Based on Tighe & Bonds intimate knowledge of various properties along the Riverfront area in the vicinity of the site, fill material had historically been placed along the banks of the Connecticut River to facilitate development and riverbank stabilization. It is believed that historic fill material may have been placed at the site in the early 1900s. The 1991 Phase II ESA indicates that the level of grade was raised 5-to-8 feet across the entirety of Lot 4 prior to 1970. The origin or composition of the fill material is unknown. There were also observations made at the time of the 1991 Phase II with regard to the visible presence of buried materials such as timber, masonry, and pieces of metal protruding from the bank of Lot 4 along the Connecticut River. COCs potentially associated with this historic fill material include VOCs, ETPH, SVOCs, metals, and PCBs.

AOC-6: Groundwater

Based on the industrial nature as well as documented releases or environmental concerns for the site and surrounding properties, there is potential for groundwater to have been impacted. COCs include VOCs, ETPH, SVOCs, and metals.

Section 5

Field Investigations

5.1 Soil Sampling and Well Installation

On November 25 and 26 and December 1, 3, and 4 2014, Aquifer Drilling & Testing of Newington, Connecticut advanced soil borings and installed groundwater monitoring wells under the supervision of Tighe & Bond. Twenty-two soil borings were advanced by direct-push Geoprobe® 7722DT track-mounted rig to depths of 15 to 20 feet below grade (fbg). In six boring locations, 2" polyvinyl-chloride (PVC) groundwater monitoring wells were installed (MW-1 through MW-6), complete with concrete road box at grade.

The soil borings were advanced throughout the site in a grid-pattern. The grid-pattern was utilized not only to assess specific AOCs identified from the previous investigations, but to further understand the composition and depth of the fill material present at the site.

Boring locations were pre-marked with designations B-1 through B-23. However, borings, B-8 and B-11 were not advanced. Instead borings B-15b and B-15c were added to the sampling program to delineate petroleum impacts observed during drilling. Soils from each boring were evaluated in the field using a three-step approach:

- 1) Physical characteristics of soils within each location were observed and documented using the modified Burmeister soil classification method as well as the Munsell Soil Color Chart. Descriptions are included in boring logs submitted in Appendix C.
- 2) Soils from the five-foot macro-core sampler were field-evaluated using a Photoionization Detector (PID) as well as with visual and olfactory methods for the presence of contamination.
- 3) Select soil samples were collected by Tighe & Bond for laboratory analysis of one or more of the following: ETPH, VOCs, SVOCs, Reasonable Confidence Protocol (RCP) metals, total cyanide, and PCBs by Complete Environmental Testing of Stratford, Connecticut (a Connecticut-certified analytical laboratory).

Based upon the above approach, samples were collected from soil borings with a bias towards locations which exhibited evidence of environmental impact (e.g. staining, odors, and/or high PID reading). This collection and screening process continued until the soil boring was completed. Samples collected for laboratory analysis were preserved directly into appropriate sample containers. Following field-preservation, the samples were immediately stored in a cooler with ice. At the conclusion of each day's field-work, the samples were transferred from the cooler to a refrigerator until they were collected by a courier for transport to the laboratory.

During advancement of soil borings, fill material consisting of sand, brick, coal, ash/cinders, and concrete fragments was observed throughout the site at depths of 2 to 10 fbg. The brick may be remnant of former on-site buildings that were demolished and the concrete may be related to former buildings or former concrete operations. No evidence of hazardous building materials (i.e. asbestos, lead paint, and PCB paint or caulking) were observed.

Refusal was encountered at depths of 4-5 fbg during advancement of boring B-5. Three attempts were made to advance this boring off-setting locations by 5-10 feet. Refusal was encountered during each attempt.

There was a strong petroleum odor in soil borings B-15, B-15b, and B-15c. Elevated PID readings were recorded for samples collected from these borings. The highest PID reading of 256 parts-per-million (ppm) was recorded from B-15c (10-15') which was collected below the water table. PID readings for the majority of the soil samples collected from the site ranged from 0.5 to 1.5 ppm.

Six permanent groundwater monitoring wells (MW-1 through MW-6) were installed in soil boring locations B-1, B-6, B-10, B-15, B-18, and B-23. The monitoring wells consisted of 2-inch diameter 10-slot PVC and were installed to a depth of 15 to 21 fbg using filter sand pack and bentonite to seal. Depth to groundwater at the site was observed to be 8 to 13 fbg.

Excess soils generated during well installation were drummed and temporarily stored on the north side of the Middletown Boathouse until characterized, transported and disposed off-site at a licensed facility by American Environmental Site Assessment Corporation (AESA) in March 2015.

Soil boring and monitoring well locations are depicted on Figure 2. Soil boring and groundwater monitoring well completion logs are provided in Appendix C.

5.2 Groundwater Monitoring Well Development

The newly installed groundwater monitoring wells were developed by Tighe & Bond on December 4, 2014. Each well was developed to remove fines using a surge block and a whale pump. Approximately five-to-sixteen gallons of groundwater were purged from each well. Following development, the wells were allowed to sit for approximately 4 days before they were again purged and sampled using a peristaltic pump. The purged volumes ranged from 2 to 3 gallons per well. Purged groundwater was drummed and temporarily stored on the north side of the Middletown Boathouse until characterized, transported and disposed off-site at a licensed facility by AESA in March 2015.

MW-5 was unable to be developed at the time of installation due to the nature of the formation the well was screened in. At various depths across the site, layers of tightly-packed silt with clay allow for very slow conductivity, MW-5 was screened within one of these zones.

5.3 Groundwater Sampling

Groundwater samples were collected on December 8, 9, and 11 in accordance with USEPA Region 1 Low Stress (low flow) Sampling Procedures dated July 1996 (Rev. January 2010). Sampling was performed using a peristaltic pump with dedicated medical-grade polyethylene tubing. The pump intake or tubing depth was selected to coincide with the upper portion of the water column to capture potential floating petroleum product.

Water quality parameters were measured at five-minute intervals along with flow rate and depth-to-water. The parameters included dissolved oxygen, specific conductivity,

temperature, pH, turbidity, and oxidation/reduction potential. Due to the presence of low-permeability clay and silt layers in the screened-zones, the monitoring wells maintained a slow recharge rate. As such, MW-5 was not sampled via low-flow, and was collected as a grab-sample to ensure sufficient volume of water for sample collection. The remaining five monitoring wells were sampled via low-flow methods.

Samples collected for laboratory analysis were preserved directly in appropriate laboratory supplied sample containers. Following collection, the samples were immediately stored in a cooler with ice. The samples were then transferred to a refrigerator after which they were transported by courier to Complete Environmental Testing for analysis of VOCs, ETPH, SVOCs, total cyanide and RCP metals.

Depth to groundwater in each of the wells was measured at the time of the field investigation and ranged from 7 to 11 fbg. An elevation survey of the monitoring wells was not conducted during this phase of the investigation. Based on proximity to the Connecticut River and local topography, it is presumed the groundwater flow is to the east/northeast towards the confluence of the Connecticut River and Sumner Brook.

Section 6

Hydrogeology

6.1 Geology

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) data for the State of Connecticut (NRCS Webpage, 2009), the site is identified as containing Urban Land-Udorthents Complex. Udorthents occur in cut and fill areas, road and railroad beds, and on spoil piles with a wide range of soil textures and permeability, and the substratum often resembles the original preconstruction soil existing in the area. Urban land consists of soil mostly covered by buildings, streets, parking lots or other impervious surfaces.

According to the *Surficial Materials Map of Connecticut* (United States Geological Survey/Department of Environmental Protection, Connecticut Geological and Natural History Survey, 1992), and CTDEEP Geographic Information Systems (GIS) surficial materials data, soils beneath the site are classified as artificial fill which is defined as earth materials and manmade materials artificially emplaced.

These descriptions are consistent with observations made during the investigation. Fill material, consisting of primarily sand with some brick, concrete, and ceramic was found throughout the site at depths ranging from 2-10 feet below grade (fbg).

According to the *Bedrock Geologic Map of Connecticut* (U.S. Geological Survey, 1985), and CTDEEP Geology GIS data, the site is located atop the Portland Arkose formation. Specifically, the site is underlain by a reddish-brown arkose (brownstone). Bedrock was not encountered during this investigation.

6.2 Hydrology

According to the 1992 USGS Meriden Quadrangle Topographic Map, the elevation of the site is approximately 8 to 15 feet above sea level. The contours found on the topographic map indicate the elevation slopes in an east/southeast direction.

Groundwater was encountered between 7 to 11 feet below grade. Based on field measurements and proximity to the Connecticut River and Sumner Brook, groundwater flow is predicted to be east/southeast.

Groundwater at the site is classified as GB by the CTDEEP. Designated uses include industrial process water and cooling waters and base flow for hydraulically connected surface water bodies. GB classified groundwater is presumed not suitable for human consumption without treatment.

Sumner Brook flows adjacent to the southern side of the site (abutting the site bank). Sumner Brook is classified as a class B stream flowing northeast towards the Connecticut River. According to the CTDEEP, a class B stream is used for recreational use, fish and wildlife habitat, agricultural and industrial supply and other legitimate uses including navigation.

The Connecticut River abuts the eastern side of the site and is classified as a class SB river. According to CTDEEP, a class SB river is used for marine and aquatic habitats, commercial shellfish harvesting, recreation, navigation, and industrial water supply.

Section 7

Remediation Criteria

Analytical results reported in this Phase II ESA are compared to remediation criteria listed in the CTDEEP Remediation Standard Regulations (RSRs). CTDEEP's intent in developing the RSRs was to define the following:

- Minimum remediation performance standards
- Specific numeric clean-up criteria
- A process for establishing alternative site-specific standards, if warranted

In general, RSR criteria are used to remediate contaminated environmental media (i.e., soils and groundwater). RSR criteria are not specifically applicable to building interiors and sediment.

The RSRs apply to efforts to remediate contaminated soil, surface water, soil vapors, or a groundwater plume at or emanating from a release area or Area of Concern (AOC), provided that the remedial action is required by the following:

- CGS Chapter 445 (Hazardous Waste) or Chapter 446K (Water Pollution Control); or
- Relevant subsections of CGS 22a-133 (Voluntary Clean-up) including but not limited, any such action required to be taken or verified by a Licensed Environmental Professional (LEP), except as otherwise provided in the regulations.

7.1 Soil Remediation Criteria

The CTDEEP soil remediation criteria integrate two risk-based goals:

- Direct Exposure Criteria (DEC) to protect human health and the environment from risks associated with direct exposure (ingestion) to contaminated soil
- Pollutant Mobility Criteria (PMC) to protect groundwater quality from contaminants that migrate or leach from the soil to groundwater. Soils to which both criteria apply must be remediated to a level, which is equal to the more stringent criteria.

7.1.1 Direct Exposure Criteria

Specific numeric exposure criteria for a broad range of contaminants in soil have been established by the CTDEEP, based on exposure assumptions relative to incidental ingestion of contaminants in soils. The DEC applies to accessible soil to a depth of 15'. The DEC for substances other than PCBs does not apply to inaccessible soil at a release area provided that, if such inaccessible soil is less than 15' below the ground surface, an environmental land-use restriction (ELUR) is in effect with respect to the subject release area. For PCBs, a maximum concentration of 10 milligrams per kilogram (mg/Kg) can remain in soils considered inaccessible. Inaccessible soil generally means polluted soil, which is the following:

- More than 4' below the ground surface
- More than 2' below a paved surface comprised of a minimum of three inches of bituminous pavement or concrete

- Beneath an existing building
- Beneath another permanent structure(s) approved by the CTDEEP Commissioner. Buildings can be constructed and/or clean fill can be placed over contaminated soils rendering them inaccessible

The CTDEEP has established two sets of DEC using exposure assumptions appropriate for residential land use (RES DEC) or for industrial and certain commercial land use (I/C DEC). In general, all sites are required to be remediated to the residential criteria. If the industrial/commercial land use criteria are applicable and used, an ELUR notification is required in accordance with the RSRs.

7.1.2 Pollutant Mobility Criteria

The PMC that will apply to remediation of a site depends on the groundwater classification of the site. The purpose of these criteria is to prevent any contamination to groundwater in GA classified areas, and to prevent unacceptable further degradation to groundwater in GB classified areas. The PMC generally apply to all soil in the unsaturated zone, from the ground surface to the seasonal low water table in GA classified areas. For GB classified areas, the PMC are applicable to all soils from ground surface to the seasonal high water table. The site is situated within a GB classified area. Therefore, the GB PMC was applied to the site. The criteria do not apply to environmentally isolated soils that are polluted with substances other than VOCs provided that an ELUR is recorded for the release area which ensures that such soils will not be exposed (unless approved in writing by the CTDEEP Commissioner). Environmentally isolated soils are defined as certain contaminated soils, which are above the seasonal high water table, beneath an existing building and not a source of ongoing contamination. An ELUR must be recorded for the site, which ensures that such soils will not be exposed as a result of building demolition or other activities. Buildings can be constructed over contaminated soils rendering them environmentally isolated.

Remediation based upon the listed PMC requires that a substance, other than an inorganic substance or PCB, in soil be remediated to at least that concentration at which the results of a mass analysis of soil for such substances does not exceed the PMC applicable to the groundwater classification (i.e., GA or GB) of the area in which the soil is located. An inorganic substance (metals) or PCBs in soil must be remediated to at least that concentration at which the analytical results of leachate produced from either the Toxicity Characteristic Leaching Procedure (TCLP) or the Synthetic Precipitation Leaching Procedure (SPLP) does not exceed the PMC applicable to the groundwater classification of the area in which the soil is located.

7.2 Groundwater Remediation Criteria

Groundwater remediation requirements are dependent upon the groundwater classification of the site. The objectives of these standards are the following:

- Protect and preserve groundwater in GA areas as a natural resource
- Protect existing use of groundwater regardless of the area's groundwater classification
- Prevent further degradation of groundwater quality
- Prevent degradation of surface water from discharges of contaminated groundwater
- Protect human health

Portions of the RSRs governing groundwater regulate remediation of groundwater based on each substance present in plume and by each distinct plume of contamination. Several factors influence the remediation goal at a given site, including: background water quality, the groundwater classification, the proximity of nearby surface water, existing groundwater uses, and existing buildings and their use. When assessing general groundwater remediation requirements, all of these factors must be considered in conjunction with the major numeric components of the RSRs.

The site is situated within a GB classified area by the CTDEEP. Therefore, the following criteria would apply to the site:

- Surface Water Protection Criteria (SWPC)
- Groundwater Volatilization Criteria (GWVC)

7.2.1 Surface Water Protection Criteria

The SWPC applies to all groundwater, which discharges to surface water. The SWPC ensure the groundwater contamination resulting from on-site sources, which exceed background, is remediated to levels that adequately protect surface water quality. In general, compliance with the SWPC is achieved when the average concentration of a compound in groundwater emanating from a site is equal to or less than the SWPC established by the CTDEEP. The SWPC, therefore, will apply to the site.

7.2.3 Groundwater Volatilization Criteria

The GWVC apply to all groundwater contaminated with a VOC within 15' of the ground surface or a building. According to the regulations, the VOC of concern will be remediated to a concentration that is equal to or less than the applicable residential volatilization criterion for groundwater. If groundwater contaminated with a VOC is below a building used solely for industrial or commercial activity, groundwater may be remediated such that the concentration of the substance is equal to or less than the applicable industrial/commercial (I/C) GWVC in lieu of the residential (RES) GWVC for groundwater, provided that an ELUR is in effect with respect to the parcel (or portion of the parcel covered by the building). The ELUR must also ensure that the parcel (or portion thereof beneath the building) will not be used for any residential purpose in the future and that future use is limited to industrial or commercial activity.

Section 8

Results of Investigation

8.1 Soil Analytical Results

Soil analytical results are summarized in Table 2 and compared to the following CT DEEP regulatory criteria:

- Residential Direct Exposure Criteria (RES DEC)
- Industrial/Commercial Direct Exposure Criteria (IC DEC)
- Pollutant Mobility Criteria for GB Area (GB PMC)

Laboratory reports are provided as Appendix D. Locations of soil samples found to exceed RSR criteria are depicted in Figure 3.

8.1.1 VOCs

Soil samples were submitted for analysis of VOCs via EPA Method 8260C from thirteen of the twenty soil borings. Five of the thirteen samples contained detections of VOCs. Of the five borings which contained VOC detections, none exceeded applicable CTDEEP RSR criteria.

8.1.2 SVOCs

Soil samples were submitted for analysis of SVOCs via EPA Method 8270D from fifteen of the twenty soil borings. Ten of the fifteen samples submitted contained detections of SVOCs. Three of the ten samples containing detections of SVOCs exceeded one or more CTDEEP RSR criteria (B-12, B-16, B-22). The following is a summary of the SVOC exceedances:

B-12 (sample from 10-12'):

- Benzo[a]anthracene, 1.1 mg/Kg exceeds the RES DEC and GB PMC of 1.0 mg/Kg
- Benzo[a]pyrene, 2.4 mg/Kg exceeds the RES DEC, IC DEC, and GB PMC of 1.0 mg/Kg
- Benzo[b]fluoranthene, 1.6 mg/Kg exceeds the RES DEC and GB PMC of 1.0 mg/Kg
- Benzo[k]fluoranthene, 1.4 mg/Kg exceeds the GB PMC of 1.0 mg/Kg

B-16 (sample from 5-10'):

- Benzo[a]anthracene, 1.9 mg/Kg exceeds the RES DEC and GB PMC of 1.0 mg/Kg
- Benzo[a]pyrene, 1.9 mg/Kg exceeds the RES DEC, IC DEC, and GB PMC of 1.0 mg/Kg
- Benzo[b]fluoranthene, 1.3 mg/Kg exceeds the RES DEC and GB PMC of 1.0 mg/Kg
- Benzo[k]fluoranthene, 1.6 mg/Kg exceeds the GB PMC of 1.0 mg/Kg

B-22 (sample from 5-10'):

- Benzo[a]anthracene, 1.7 mg/Kg exceeds the RES DEC and GB PMC of 1.0 mg/Kg
- Benzo[a]pyrene, 1.9 mg/Kg exceeds the RES DEC, IC DEC, and GB PMC of 1.0 mg/Kg
- Benzo[b]fluoranthene, 1.4 mg/Kg exceeds the RES DEC and GB PMC of 1.0 mg/Kg

- Benzo[k]fluoranthene, 1.3 mg/Kg exceeds the GB PMC of 1.0 mg/Kg

The remaining seven samples containing SVOC detections did not exceed any applicable CT DEEP RSR criteria.

8.1.3 Metals

Soil samples were submitted for analysis of total CT RCP metals via EPA Methods 6010c and 7471B (mercury) from ten of the twenty soil borings. All ten samples submitted for metals analysis contained detections of one or more CT RCP metals. Seven of the ten samples contained one or more exceedance of either the RES DEC or IC DEC. The GB PMC was not applied to these results as the GB PMC standards are applicable to samples which have undergone SPLP or TCLP analysis only. The following is a summary of the metals exceedances:

B-4 (sample from 5-7'):

- Arsenic, 14 mg/Kg which exceeds the RES DEC and IC DEC of 10 mg/Kg

B-7 (sample from 0-5'):

- Arsenic, 11 mg/Kg which exceeds the RES DEC and IC DEC of 10 mg/Kg

B-9 (sample from 4-5'):

- Arsenic, 22 mg/Kg which exceeds the RES DEC and IC DEC of 10 mg/Kg
- Lead, 500 mg/Kg, which exceeds the RES DEC of 400 mg/Kg

B-10 (sample from 5-6'):

- Arsenic, 18 mg/Kg which exceeds the RES DEC and IC DEC of 10 mg/Kg
- Lead, 3,800 mg/Kg, which exceeds the RES DEC and IC DEC of 400 mg/Kg and 1,000 mg/Kg, respectively

B-12 (sample from 5-6'):

- Arsenic, 22 mg/Kg which exceeds the RES DEC and IC DEC of 10 mg/Kg
- Copper, 7,100 mg/Kg which exceeds the RES DEC of 2,500 mg/Kg
- Lead, 1,600 mg/Kg, which exceeds the RES DEC and IC DEC of 400 mg/Kg and 1,000 mg/Kg, respectively

B-15c (sample from 14-15'):

- Arsenic, 17 mg/Kg which exceeds the RES DEC and IC DEC of 10 mg/Kg
- Lead, 2,100 mg/Kg, which exceeds the RES DEC and IC DEC of 400 mg/Kg and 1,000 mg/Kg, respectively

B-16 (sample from 5-10'):

- Lead, 1,600 mg/Kg, which exceeds the RES DEC and IC DEC of 400 mg/Kg and 1,000 mg/Kg, respectively

Based on the elevated concentrations of total arsenic, copper, and lead, it is likely that leachable concentrations of these metals would exceed the GB PMC. The remaining samples containing detections of metals did not exceed any applicable CT DEEP RSR criteria.

8.1.4 ETPH

All soil samples collected were submitted for analysis of ETPH via the Connecticut Department of Public Health (CTDPH) approved method. Seven of the twenty soil borings submitted for ETPH analysis contained detections. Three of the seven samples contained exceedances; however, one of the three was the QAQC duplicate sample. The two soil boring locations which contained ETPH exceedances were B-15c (14-15') at 6,700 mg/Kg and B-15 (5-6') at 22,000 mg/Kg and B-15 Duplicate at 19,000 mg/Kg. All three concentrations exceed the RES DEC of 500 mg/Kg and the IC DEC and GB PMC of 2,500 mg/Kg.

8.1.5 PCBs

Soil samples were submitted for analysis of PCBs by Soxhlet via EPA Method 8082A from nine of the twenty soil borings. All nine samples did not contain detections above the laboratory reporting limits which ranged from 0.23 to 0.25 mg/Kg.

8.1.6 Total Cyanide

Soil samples were submitted for analysis of Cyanide via EPA Method 9012B from ten of the twenty soil borings. None of the ten samples contained detections above the laboratory reporting limits, which ranged from 1.2 to 1.3 mg/Kg.

8.2 Groundwater Analytical Results

Six monitoring wells, MW-1 through MW-6, were sampled during this investigation. Groundwater analytical results are summarized in Table 3 and groundwater exceedances are depicted on Figure 4. The groundwater results were compared to the following CTDEEP regulatory criteria:

- Surface Water Protection Criteria (SWPC)
- Residential Groundwater Volatilization Criteria (RES GWVC)
- Industrial/Commercial Groundwater Volatilization Criteria (IC GWVC)

8.2.1 VOCs

All six monitoring wells were sampled for VOCs. Two of the six sample locations and the duplicate sample contained concentrations of VOCs above laboratory detection limits (MW-4, MW-4 Duplicate, and MW-5). The VOC constituents detected were: acetone, isopropylbenzene, n-propylbenzene, sec-butylbenzene, 1,2,4-trimethylbenzene, and naphthalene. The only VOC constituent detected which has applicable CT DEEP regulatory criteria established was acetone in MW-5 at 52 µg/L, which is below the 50,000 µg/L for the GWVC.

8.2.2 SVOCs

All six monitoring wells were sampled for SVOCs. Two of the six sample locations and the duplicate contained concentrations of SVOCs above laboratory detection limits (MW-4, MW-4 Duplicate, and MW-5). All three samples exceeded the SWPC for acenaphthene (0.3 µg/L) at 16 µg/L, 13 µg/L, and 1 µg/L, respectively. All three samples exceeded the SWPC for phenanthrene (0.077 µg/L) at 7.5 µg/L, 6.9 µg/L, and 0.48 µg/L, respectively. No other SVOC detected exceeded applicable regulatory criteria.

8.2.3 RCP Metals

All six monitoring wells were sampled for CT RCP metals. Barium was detected at concentrations ranging from 140 µg/L to 360 µg/L, concentrations which are consistent with naturally occurring levels in groundwater. MW-3 contained a concentration of zinc at 560 µg/L, which exceeds the SWPC of 123 µg/L. The duplicate sample collected from MW-4 contained a concentration of arsenic at 6 µg/L, which exceeds the SWPC of 4 µg/L. The parent sample from MW-4 did not contain arsenic above the laboratory detection limit of 4 µg/L.

8.2.4 ETPH

All six monitoring wells were sampled for ETPH. ETPH was detected in three of the six monitoring wells and the duplicate sample (MW-1, MW-4, MW-4 Duplicate, and MW-5). The concentrations of ETPH detected were 0.14 mg/L, 0.25 mg/L, 0.26 mg/L, and 0.93 mg/L, respectively.

Currently there are no established SWPC or volatilization criteria for ETPH. The groundwater protection criteria (GWPC) is 0.25 mg/L. However, the GWPC is not applied to this site due to the GB groundwater classification.

Section 9

Quality Assurance / Quality Control

Field sampling quality assurance included the collection of duplicate and blank samples. Quality control checks on field activities were performed to assure collection of data that is representative and valid. Laboratory quality assurance measures are also provided.

9.1 Duplicate Samples

Field duplicate samples are collected to provide information on sample collection, handling, shipping, storage, preparation, and analyses. The duplicate samples were obtained by collecting two identical sets of samples from a single sample location. The respective duplicate sample was analyzed for several parameters analyzed in the original sample. The comparison is a measurement of analytical precision.

One duplicate sample was collected during the soil investigation at the site. B-15 (5-10) Top 12" Dup is the duplicate sample for B-15 (5-10) Top 12". B-15 (5-10) Top 12" Dup was analyzed for SVOCs, ETPH, and VOCs.

The relative percent difference (RPD) between SVOC sample results for B-15 and B-15 Duplicate was 19.45% and 41.26% for the two SVOC constituents detected. This discrepancy may be related to the distribution of fill material within the two samples. ETPH results reported for the two samples displayed an RPD of 14.63% percent. Results for nine of the ten VOC constituents detected had an RPD between 4.34% and 23.52%. The one constituent outlier, naphthalene, had an RPD of 69.38%. This may be due to the volatile nature of naphthalene in soil.

One duplicate sample was collected during the groundwater sampling event at the site. MW-4 Duplicate is the duplicate for original sample MW-4. The RPD between MW-4 and MW-4 Duplicate for both VOC constituents (124-trimethylbenzene and naphthalene) was 2% and 5.4%, respectively. The RPDs for SVOC constituents ranged between 0 and 20%. ETPH results reported for the two samples resulted in an RPD of 3.9% percent. Results for barium and zinc reported for the two samples had an RPDS 0 and 14.2%, respectively.

Based on our data evaluation, the discrepancies noted from the RPD values do not have a significant effect on the data quality objectives for this Phase II investigation.

9.2 Blank Samples

Trip blank samples were used for site activities during VOC sampling activities. The purpose of analyzing this control sample was to determine if potential cross-contamination occurred as a result of improper sample container cleaning, contaminated blank source water, sample contamination during storage and transportation, and other environmental conditions during the sampling event. The trip blank samples consisted of a container of laboratory-supplied reagent-grade water that was kept with the field groundwater sample containers from the time they left the laboratory until the time they were returned to the laboratory. One trip blank sample was supplied for each day of VOC sampling for groundwater (two days total).

No VOCs were reported in either trip blank. Accordingly, no VOC cross-contamination likely occurred during the groundwater sampling events.

Per the QAPP, two equipment blanks were collected during groundwater sampling. One was collected from the water-level meter and one was collected from the flow-through cell used to measure water quality parameters. It should be noted that the water passing through the flow-through cell was not collected for laboratory analysis specifically to avoid cross-contamination. Neither equipment blank contained concentrations above laboratory detection limits for any groundwater COC. Equipment and trip blank results are included in Table 3.

9.3 Laboratory Quality Control

An analysis of the laboratory results, detected compounds, and collected samples affected by these quality control deficiencies was performed. The laboratory analytical reports detail non-conformances involving Laboratory Control Samples (LCS), surrogate recoveries, matrix spikes, matrix spike duplicates, and calibration checks. Based on the review of the non-conformances and the laboratory certification documenting each lab report meets CTDEEP Reasonable Confidence Protocol (RCP), the non-conformances identified do not affect the usability of the laboratory data. In those areas where COCs were involved, the data quality is only slightly affected by these deficiencies and is sufficient to satisfy the DQOs for the project. The non-conformances are summarized in Table 4. The laboratory analytical reports which include the RCP case narratives are included in Appendix D.

9.4 Data Usability Assessment

The quality control data and the analytical data were reviewed to form a data usability assessment. This assessment takes into consideration the following parameters:

- Detection limits
- Regulatory criteria
- Matrix effects
- Importance of nonconforming data relative to DQOs

Multiple soil and groundwater samples were collected throughout the site to provide characterization of the property. Laboratory analysis of soil and groundwater samples had sufficiently low detection limits in order to identify constituent concentrations approaching the RSR limits. Therefore, the DQOs of identifying the COCs exceeding RSR criteria were met. The data derived from this ESA is usable and adequate for the project DQOs. The non-conformances are summarized in Table 4.

Section 10

Conceptual Site Model

A conceptual site model (CSM) is a representation of an environmental system at a site that is used as a tool to identify releases, pathways of migrations, potential receptors, and ultimately risk. The CSM is used to develop work plans and provide a framework to address issues that arise during the investigation of a site. The CSM is refined throughout the site characterization process as new data are acquired. The final CSM will fully define the environmental system at a site and validate the hypotheses regarding the environmental fate of released contaminants.

The CSM includes the following:

- Description of the site, environments, and AOCs
- Nature and extent of contaminants
- Potential release mechanisms for such contaminants
- Evaluation of migration pathways and locations at which environmental media are most likely to have been impacted by a release
- Identification of AOCs at which releases have occurred as well as AOCs at which no releases have occurred
- Data and rationale to support the conclusion

The CSM is summarized in Table 5.

10.1 Description of Site, Environments, and AOCs

A description of the site, history, and operations as derived from previous reports is provided in Section 4. A description of site hydrogeology is provided in Section 6.

10.2 Nature and Extent of Contamination

A discussion of the nature and extent of contamination in soil and groundwater is provided below.

The COCs confirmed in the soil at the site include: ETPH, SVOCs, VOCs, and metals, specifically arsenic, lead, and copper. Detections of these COCs were found in soils ranging in depth from 2 to 12 feet below grade. Fill material observed throughout the site (brick, concrete, coal, and ash/cinders) may be contributing to some of these elevated SVOC and metals concentrations.

The COCs confirmed in the groundwater at the site include VOCs, SVOCs, ETPH, arsenic, barium, and zinc. Zinc was not detected in soil at concentrations above regulatory criteria. However, the site is located at the confluence of Sumner Brook and the Connecticut River, downgradient from sites with known zinc contamination issues in groundwater. Groundwater at the site is within the overburden at approximately 7-11 fbg.

A more detailed description of confirmed and potential COCs for the site is provided below.

10.2.1 VOCs

VOCs in Soil

Soil borings B-15 and B-15c were advanced in the approximate vicinity of historic USTs at the central portion of Columbus Point (Lot 4). The VOC constituents detected are consistent with heating oil and weathered gasoline. The B-15 sample was collected from the 5 to 10 fbg interval, which is above the groundwater table and would therefore be indicative of a source. The detection of similar VOCs below the water table suggest potential migration of a release. For example, benzene was detected in soil sample B-12 collected from below the water table. Boring B-12 was not located in an area known as having petroleum storage. However, the benzene detection could be an indication of gasoline impacts to groundwater from former on-site gasoline USTs or off-site gasoline holding tanks associated with nearby industry (i.e. Middletown Manufactured Gas Plant, Middletown Electric Light Company, Peterson Oil, etc.)

VOCs in Groundwater

VOCs were detected in two monitoring wells (MW-4 and MW-5) and the duplicate sample. The constituents detected in the samples are consistent with petroleum impacts. Only one constituent detected, acetone, has established regulatory criteria applicable to the site and the detection of acetone in MW-5 was below the established criteria.

10.2.2 SVOCs

SVOCs in Soil

Several SVOCs were detected in the soil samples collected during this investigation. SVOCs are typically found in association with fill material, coal, and petroleum products. Several potential sources exist for the SVOCs including fill material identified between 2 and 10 fbg, historic AST/USTs, historic coal storage, and historic releases associated with site operations. Three soil borings contained exceedances for the same four SVOC constituents: benzo[a]anthracene, benzo[a]pyrene, benzo[k]fluoranthene, and benzo[b]fluoranthene. It should be noted that B-15, B-16, and the Duplicate contained detections of naphthalene above the GA PMC criteria, however the GA PMC is not applicable to the site. Based on results, data suggests the presence of SVOCs in soils may be a site-wide issues. While exceedances of CTDEEP criteria for this COC may be attributed to on-site releases of petroleum products, low concentrations found site-wide suggest fill material may also be contributing to the concentrations of SVOCs in site soils.

SVOCs in Groundwater

SVOCs were detected in two of the monitoring wells (MW-4 and MW-5) and the duplicate sample. All three samples contained exceedances of the SWPC for acenaphthene and phenanthrene. These detections may be attributed to release of heating oil or fill material at the site. Migration of petroleum impacts from off-site sources may also be attributing to SVOC concentrations in groundwater beneath the site.

10.2.3 Metals

Metals in Soil

Metals, specifically arsenic, lead, and copper, were found in several soil boring locations in exceedance of the RES DEC and I/C DEC. Other metals that are naturally occurring were detected in soils at varying concentrations but below any applicable criteria.

Sources for the elevated metals detections may include coal and fill material as well as gasoline releases which may contribute to the lead concentrations detected.

The exceedance of copper at B-12 is anomalous with respect to the remaining nineteen sample locations. The sample submitted for laboratory analysis was observed to contain green flecks. This could potentially reflect the presence of copper in an oxidized state. That sample also contained the highest detection of arsenic by one order of magnitude, with respect to the remaining five arsenic exceedances. Based on the Phase I ESA and review of historic documents, no release mechanism other than deposition of fill material was identified as a source for the arsenic and copper exceedances.

Metals in Groundwater

Barium was detected at concentrations ranging from 140 µg/L to 360 µg/L. These concentrations are consistent with naturally occurring barium in groundwater. Zinc was detected in four of the monitoring wells and the duplicate sample. Samples from MW-1, MW-4, MW-4 Duplicate, and MW-5 contained zinc concentrations ranging from 22 µg/L to 45 µg/L, consistent with naturally occurring zinc levels. MW-3 contained a concentration of zinc at 560 µg/L, which exceeds the SWPC of 123 µg/L. As previously stated, the site is downgradient of properties with known zinc contamination issues in groundwater.

Arsenic was detected in the MW-4 Duplicate sample at a concentration of 6 µg/L, which exceeds the SWPC of 4 µg/L. Arsenic was not however, detected in the MW-4 parent sample. The laboratory detection limit for arsenic is 4 µg/L and therefore it may be present at levels just below 4 µg/L and would not be detected in the laboratory analysis. Arsenic was detected at elevated levels in several soil samples collected from above and below the water table therefore the detection of arsenic in groundwater is likely attributed with fill material placed at the site.

10.2.4 ETPH

ETPH in Soil

ETPH was detected in seven samples; however, it exceeded CT DEEP regulatory criteria in three of samples, with one being a Duplicate sample (B-15, B-15c, B-15 Duplicate). The samples which contained the exceedances also contained detections of VOCs consistent with a petroleum release. The location of the samples in exceedance of CTDEEP regulatory criteria for ETPH is in the approximate area of historic USTs/ASTs. The remaining four samples contained detections of ETPH below criteria (B-10, B-16, B-17, B-22) ranging from 64 mg/Kg to 280 mg/Kg. The source of these ETPH concentrations are likely from on-site releases of petroleum products, but may also be associated with historic fill material deposited at the site.

ETPH in Groundwater

ETPH was detected in three monitoring wells (MW-1, MW-4 MW-5) and the duplicate sample. Currently there are no applicable criteria established for ETPH in groundwater in a GB area. Potential sources may be historical releases of petroleum from former USTs or historic site activities. The detection of ETPH in MW-4, MW-4 Duplicate, and MW-5 are consistent with soil sample results taken from those locations. The detection of ETPH in MW-1, the presumed upgradient monitoring well, may be evidence of petroleum impacts migrating from off-site sources as the soil sample from MW-1 did not contain concentrations of ETPH above the laboratory detection limit. The source of the ETPH

concentrations may also be attributed to the fill material underlying the site and majority of the riverfront area.

10.2.5 PCBs

PCBs were not present above laboratory detection limits in any of the nine soil samples submitted for analysis. The groundwater monitoring wells were not sampled for PCBs as there were no detections in the soil samples.

10.2.6 Total Cyanide

Total cyanide was not present above laboratory detection limits in any of the ten soil samples submitted for analysis. Total cyanide was not present in any groundwater sample above the laboratory detection limits.

10.3 Potential Release Mechanisms

The potential release mechanism at each AOC is identified in Table 5. A summary of the potential release mechanisms for each COC at the site are as follows:

Metals – release(s) from former USTs/ASTs, site operations, deposition of fill materials, possible migration from off-site sources, or naturally occurring in site soils

SVOCs – release(s) from former USTs/ASTs, site operations, deposition of fill materials, and possible migration from off-site sources

VOCs – release(s) from former USTs/ASTs, site operations, and possible migration from off-site sources

ETPH – release(s) from former USTs/ASTs, site operations, deposition of fill materials, and possible migration from off-site sources

10.4 Migration Pathways

Potential migration pathways for each AOC are identified in Table 5. The migration pathway or transport mechanisms are categorized as three general types depending upon the pathway. Various potential exposure pathways were evaluated to determine if possible risks to public health or the environment exist from the on-site contamination. The evaluation is based on the location and depth of contaminants identified at the site.

Soil Migration Pathway

The site exists as a paved parking lot, landscaped park, and contains two boathouses. Impacts to site soils were identified at depths of 1 to 15 feet bg. Based on this information there is potential for exposure to contaminated surface soils through direct contact in areas where bare soils exist. There is also potential for migration of contaminants from infiltration of precipitation. Where the site is paved or contains a building there is minimal infiltration of precipitation which reduces the opportunity for the leaching of soil contaminants into the groundwater. However, the landscaped portion of Columbus Point and the gravel area adjacent to the boat ramp, would allow for surface infiltration, presumably down to the groundwater. There is also potential for migration of impacted surface soils through erosion via wind or from flooding along the banks of the adjacent waterbodies.

Groundwater Migration Pathway

Groundwater beneath the site is approximately 7 to 11 fbg. The area surrounding the site is provided potable water via the municipal water distribution system. No known uses of groundwater for drinking or otherwise are known to exist in the area surrounding the site. Based on current conditions, the potential for contact with groundwater at the site or surrounding area through direct contact or ingestion is improbable. However, groundwater beneath the site is presumed to discharge to the Connecticut River and Sumner Creek abutting the site. These surface waters may also provide some seasonal recharge to area groundwater. Since the Connecticut River is also tidally influenced the hydrologic connection to groundwater could promote smearing or washing of contaminants in saturated soils.

Surface Water Migration Pathway

As stated above, the site abuts the Connecticut River and Sumner Brook. These two waterbodies are popular local fishing spots. The Connecticut River is also used for recreational purposes. The immediate vicinity of the boat launch is used by Middletown first-responders as an area to conduct self-contained underwater breathing apparatus (S.C.U.B.A.) training. Based on these conditions, there is potential for impacted groundwater to migrate from beneath the site into either Sumner Brook or the Connecticut River. Flooding can also result in erosion of impacted soils along the banks of these waterbodies.

Air Migration Pathway

Since the majority of the site is covered with pavement, buildings, and concrete, the risk for the migration of contaminated surface soil via air erosion (i.e. wind) appears to be minimal. No significant concentrations of VOCs were identified in soils or groundwater at the site that would suggest the risk of vapor intrusion issues.

10.5 Areas of Concern

A description and current status of each AOC is provided below. The 2014 Phase I ESA identified the following AOCs:

AOC-1 Former Concrete Plant Operations including USTs & Fuel-Pump Island

Soil borings B-14 and B-16 were advanced in the vicinity of the former concrete plant USTs and fuel pump island. No overt evidence of petroleum impact was observed during the advancement of these borings. A soil sample collected from B-16 (5-10') identified concentrations of lead exceeding the I/C DEC. There were also exceedances of the I/C DEC and GB PMC for various SVOCs. Low concentrations of ETPH were also detected in this sample. Releases of gasoline could account for the lead and ETPH concentrations however, no noticeable gasoline odors were noted during boring advancement and PID measurements of this sample were relatively low (55.7 ppm). This sample was not analyzed for VOC content. The concentrations of SVOCs detected from this sample suggest fill material could also be the source of impacts detected in B-16. Evidence of fill material (wood fragments) was observed during advancement of this boring. Additional investigation including analysis of VOCs in the area of B-16 is recommended to determine if the source of impacts in this area is related to gasoline releases or fill material.

Petroleum impacts were noted in soils from borings B-15 and B-15c. These borings were located between the former USTs and fuel pump island and impacts could be the result of leaks from the UST/fuel pump piping system. Concentrations of ETPH and lead in this area were found to exceed the I/C DEC and GB PMC. Low levels of VOCs detected in

these soil samples suggest the source of these impacts may be weathered gasoline. However, low concentrations of SVOCs detected in this area specifically Naphthalene and Phenanthrene suggest a release of fuel oil which could be related to AOC-3. The groundwater sample MW-5 collected from this area identified ETPH and SVOC compounds (Acenaphthene and Phenanthrene) suggestive of a fuel oil release. No significant VOC concentrations or detections of typical gasoline constituents (i.e. benzene, toluene, xylenes, etc) were identified in this groundwater sample. Additional investigation is warranted to determine the source and extent of these petroleum impacts.

With regard to former concrete operations, there was no specific releases identified. However, releases from heavy equipment or concrete trucks could be contributing to petroleum impacts detected in soils on Lot 4.

AOC-2 Former Filling Station

Soil borings B-22 and B-23 were advanced in the vicinity of the former filling station. No evidence of gasoline impacts were noted during advancement of these borings. PID measurements recorded for soil samples collected from these borings ranged from 0.3 to 0.5 ppm. No VOC analyses were conducted for these samples based on these low PID measurements. Sample B-22 was found to contain SVOC concentrations exceeding the I/C DEC and GB PMC as well as a low concentration of ETPH. These detections are suggestive of polluted fill material. A groundwater sample collected from MW-6 located in this area did not identify petroleum or gasoline impacts. Although no gasoline impacts were identified for this AOC during the conduct of the Phase II ESA, additional sampling would be required to close out this AOC.

AOC-3 Former Metal Oil Tanks

As stated above, petroleum release were identified in borings B-15 and B-15c. These borings were located in the vicinity of this AOC as well as AOC-1. Concentrations of ETPH and lead samples collected from this area were found to exceed the I/C DEC and GB PMC. Low levels of VOCs and SVOCs detected in soils suggest possible fuel oil and gasoline releases could be co-mingled in this area providing overlap with AOC-1. ETPH and SVOC compounds detected in the groundwater sample collected from MW-5 suggests fuel oil impacts to groundwater. SVOC concentrations detected exceeded the SWPC. Additional investigation is warranted to determine the extent of the petroleum impacts to soil and groundwater from this AOC.

AOC-4 Historic Coal Storage

All of the borings advanced during the conduct of this Phase II ESA were used to evaluate this AOC which historically encompassed the majority of the site. Coal fragments and ash were observed in boring B-1, B-3, B-4, B-6, B-7, B-10, B-15, and B-19 at varying depths. Layers of coal were noted in boring B-10 from just below grade to depths of 8 feet bg. COCs associated with coal and coal ash include ETPH, SVOCs, and metals including lead and arsenic. With the exception of arsenic all of these COCs are common to petroleum releases and thus make it difficult to decipher the source of these compounds. Soil samples collected from B-4, B-7, B-9, B-10, B-12, and B-15c, contained arsenic concentrations exceeding the I/C DEC and GB PMC likely related to this AOC. Low levels of SVOCs in soil samples B-7, B-10, and B-19 which were noted to contain coal and coal ash, suggest that low level SVOCs, ETPH, and metals detected at the site outside of known petroleum release area could also be associated with this AOC. This AOC overlaps with AOC-5 (Fill Material). There is potential that some of the coal and coal ash fragments existing at the site were associated with fill material historically deposited and not solely from coal storage operations.

It is unknown if coal or coal ash contaminants could be contributing to groundwater impacts detected beneath the site (i.e. arsenic, ETPH, and SVOCs) although these materials were observed in soils at and below the water table. Additional sampling and analysis of the leachability of this material is recommended for further evaluation of this AOC. Furthermore, there is an exemption in the CTDEEP RSRs that contamination resulting solely from coal or coal ash does not require remediation. Applicability of this exemption should be further evaluated for the site. This will likely require additional sampling to determine the extent of coal and coal ash deposits at the site and confirm these deposits are not comingled with petroleum releases from former on-site sources.

AOC-5 Fill Material

Historically fill material was used extensively along the riverfront in the area of the site and other properties for filling and riverbank stabilization. In addition, the 1991 Phase I and II ESA document fill material being placed at the site in the 1990s. Observations made during these previous investigations document the presence of buried materials such as timber, masonry, pieces of metal, etc) protruding from the bank of Lot 4 along the Connecticut River.

Fill material consisting of dark brown sand with ceramic fragments, plastic fragments, brick, and concrete fragments was observed throughout the site during the conduct of this Phase II ESA at depths of 2 to 12 feet bg. It is unknown if these materials were deposited as fill material or originated from demolition of former on-site buildings. No evidence of building materials such as roofing, plaster, or other materials were observed. Coal, coal ash, and cinders were observed in various areas of the site. It is unknown if these materials are associated with former on-site coal storage activities (AOC-4) or if these materials were deposited with fill material, or a combination of both.

SVOCs were detected in the majority of soil samples collected during this investigation. Fill material is likely the source of the SVOCs found in soils outside areas where petroleum releases were identified. SVOCs including benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene typical of fill material were reported in six samples (B-7, B-10, B-12, B-15, B-15c, B-16, B-19, B-22) at 1 to 15 fbg. In three of the six samples (B-12, B-16, B-22), the concentrations were in exceedance of the RES DEC and GB PMC of 1 mg/Kg for the constituents. The concentration of benzo(a)pyrene in the three aforementioned soil samples exceeded the I/C DEC of 1 mg/Kg as well. Fill material may also be the source or in some cases contributing source to arsenic and lead concentrations exceeding the I/C DEC detected in soils. Copper was detected in boring B-12 exceeding the RES DEC but not the I/C DEC. The detection of copper is believed to be directly related to fill material observed during advancement of this boring. There is an exemption in the CTDEEP RSRs with regard to requiring remediation of wide-spread polluted fill provided that the material was not illegally placed at the time of deposition, encompasses a regional area and not just the site, and that fill material is the sole source of contamination. Applicability of this exemption should be further evaluated for the site. This will likely require additional sampling to determine the extent of polluted fill material, confirm areas of material where fill material is the sole source of pollution, and that the fill material is an area wide issue not just and issue for the site.

With regard to potential groundwater impacts resulting from fill material, it is difficult at this time to determine if contaminants detected in groundwater (arsenic, ETPH, and SVOCs) are a direct result of polluted fill material. Fill material was observed above and below the water table beneath the site. This material may be contributing to concentrations of these constituents in groundwater. Additional sampling and analysis of the leachability of fill material is recommended for further evaluation of this AOC.

AOC-6 Groundwater

Groundwater sampling results identified VOCs, SVOCs, ETPH, and metals including arsenic and zinc impacts to groundwater beneath the site. The detection of ETPH in groundwater sample MW-1, the presumed upgradient monitoring well, may indicate the migration of contamination onto the site from an upgradient off-site source. In addition, the zinc concentrations detected in groundwater sample MW-3 exceeding the SWPC may also be from an off-site source as no significant zinc concentrations were detected in soil samples and elevated zinc concentrations in groundwater have been documented for properties upgradient of the site. VOC, SVOC, and ETPH concentrations detected in groundwater samples MW-4 and MW-5 are likely from, at least in part, on-site releases from AOCs. However, due to the historic industrialized nature of the area surrounding the site, there is potential for off-site sources to be contributing to concentrations of these constituents detected in groundwater beneath the site.

Additional evaluation is warranted to determine the nature and extent of groundwater impacts beneath the site, the hydrologic influence of adjacent surface waters on site groundwater, and the potential for impact to these surface waters from on-site releases.

Section 11

Summary and Recommendations

11.1 Summary

Tighe & Bond completed a Phase II ESA for Lot 3 and Lot 4 on Harbor Drive, Middletown, Connecticut. The purpose of this investigation was to investigate AOCs identified in the 2014 Phase I ESA and determine if a release of COCs has occurred to the environment. Results of the Phase II ESA indicate the following:

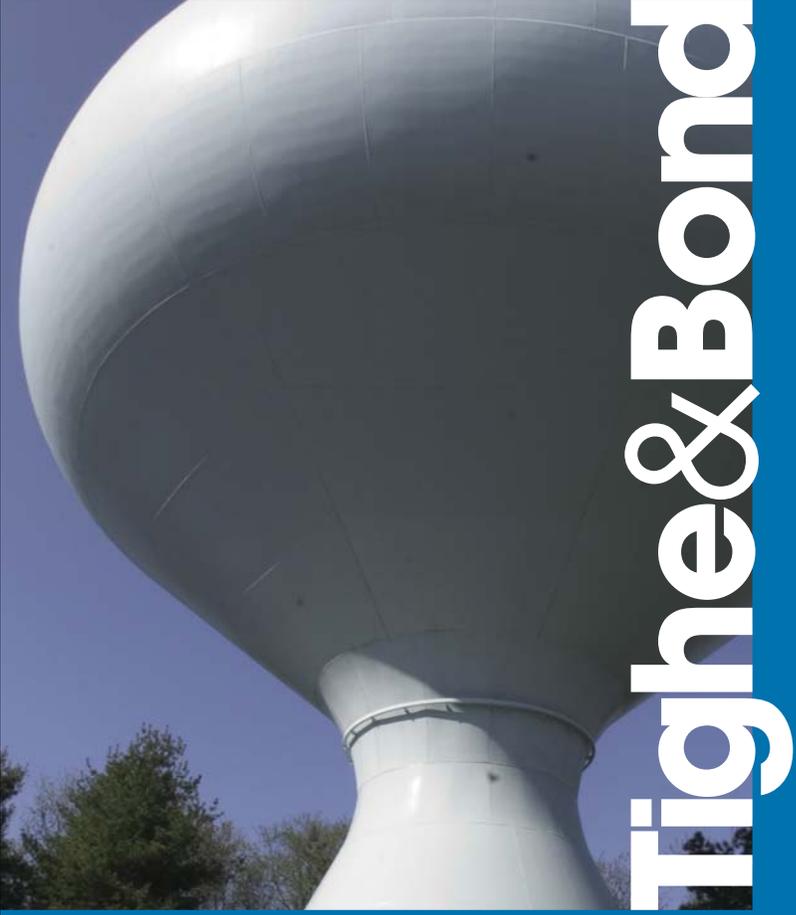
- Petroleum impacts to soils and groundwater exist in the vicinity of AOC-1 and AOC-3. These impacts extend from 5 feet bfg to below the water table.
- Elevated SVOC and metals (arsenic, lead, and copper) low level ETPH concentrations in soils likely exist site-wide related to AOC-4 and AOC-5. Fill material and layers of coal were observed in various areas underlying the site from 2 to 12 fbg. These AOCs are likely contributing to concentrations of these constituents detected in groundwater.
- Gasoline impacts (i.e. benzene detections) to saturated soils at boring location B-12 which was not in the direct vicinity of any known AOCs but may be related to former on-site gasoline storage (AOC-1 and AOC-2) or migration from off-site sources (AOC-6).
- ETPH concentrations were identified in the upgradient groundwater monitoring well MW-1 and elevated zinc concentrations were identified in MW-4. These are believed to be a result of groundwater impacts from off-site sources migrating beneath the site.

Refer to Section 10.5 for a summary of results for each AOC.

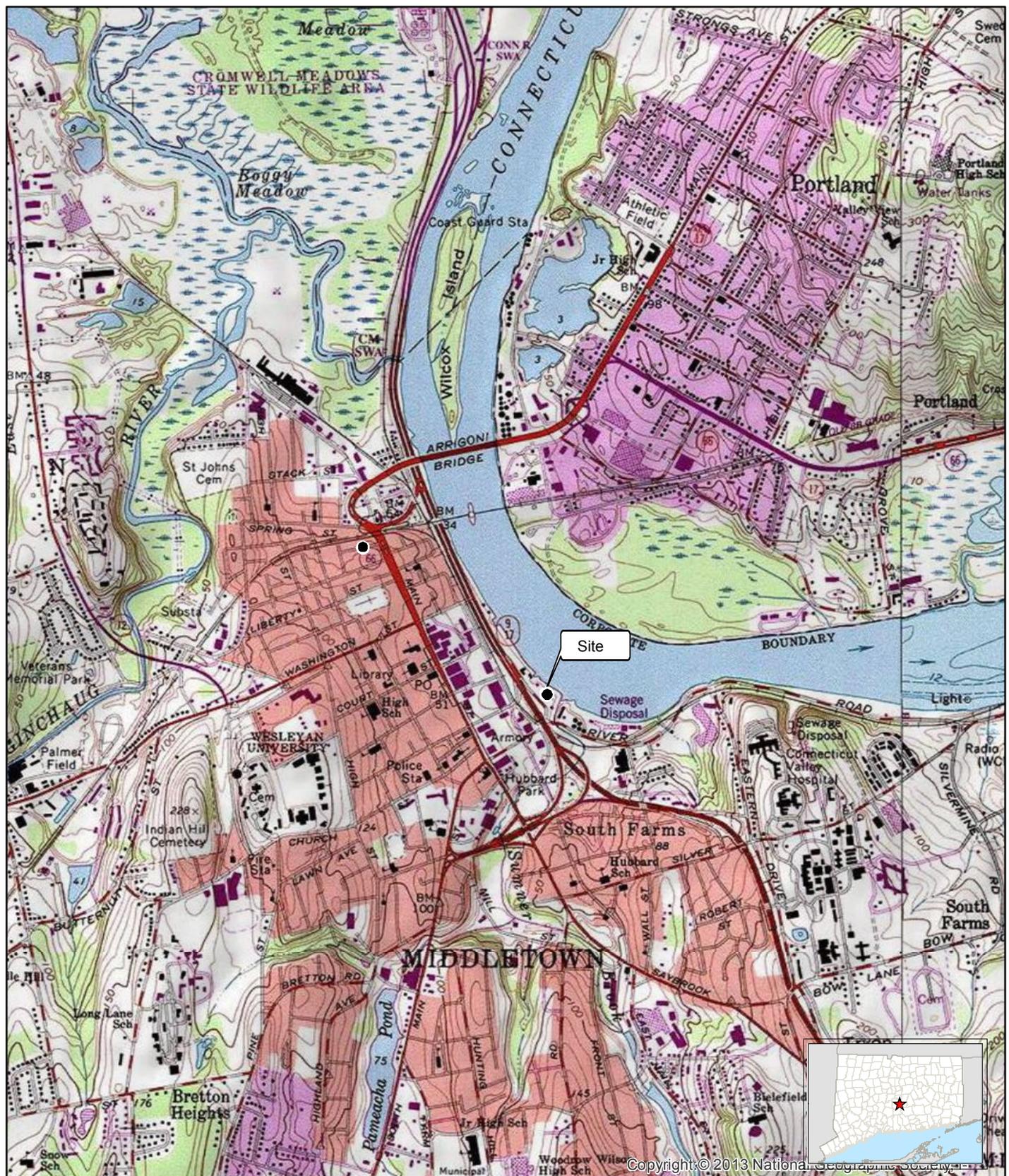
11.2 Recommendations

Based on the findings of this Phase II ESA, additional investigation is warranted to determine the extent of impacts to soil and groundwater at the site. A Phase III ESA is recommended to confirm the source(s) of impacts, delineate the vertical and horizontal extent of contamination, and determine remedial requirements for the site.

Refer to Section 10.5 for a summary of additional evaluations recommended for each AOC.



Tighe & Bond



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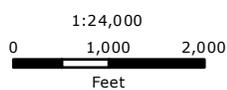
- Site Location

**FIGURE 1
SITE LOCATION MAP**

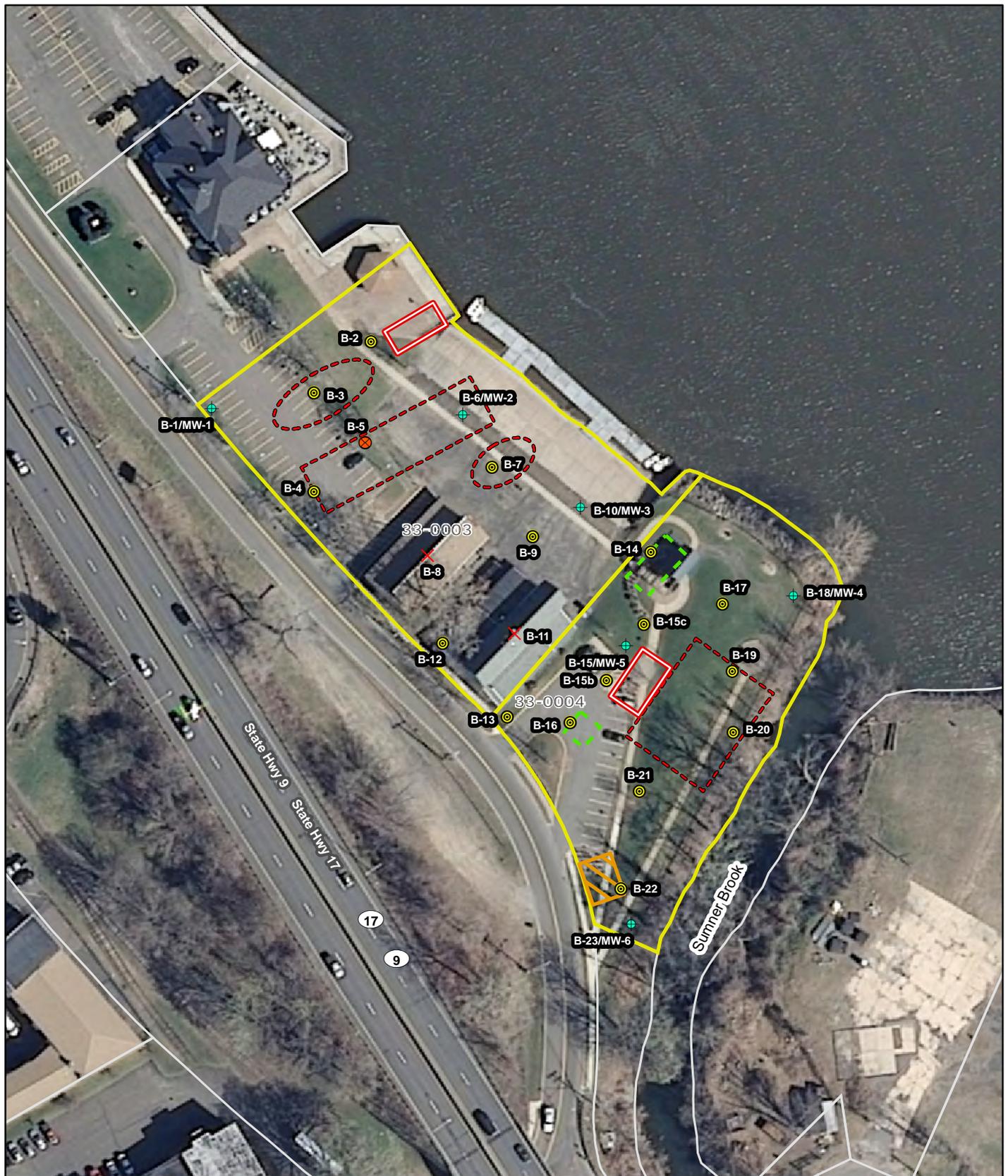
Harbor Drive Properties
Middletown, Connecticut



Source: U.S Geological Survey, in cooperation with CTDEEP, Office of Information Management
Based on USGS Topographic Map for Middletown, CT, Rev. 1992, 1:24,000
Map Date: August 2014



August 2014



LEGEND

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> Approximate Parcel Boundary Approximate Site Boundary | <p>Sample Locations</p> <ul style="list-style-type: none"> Soil Borings/Monitoring Wells Soil Borings Refusal Did Not Advance | <p>Areas of Concern</p> <ul style="list-style-type: none"> AOC-1: Former USTs & Fuel-Pump Island AOC-2: Former Filling Station AOC-3: Former Metal Oil Tanks AOC-4: Historic Coal Storage |
|--|--|--|



Source:
Connecticut DEEP Office of Information Management GIS Data and State of Connecticut 2012 aerial imagery with 1-foot ground resolution provided by CTECO

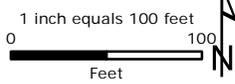
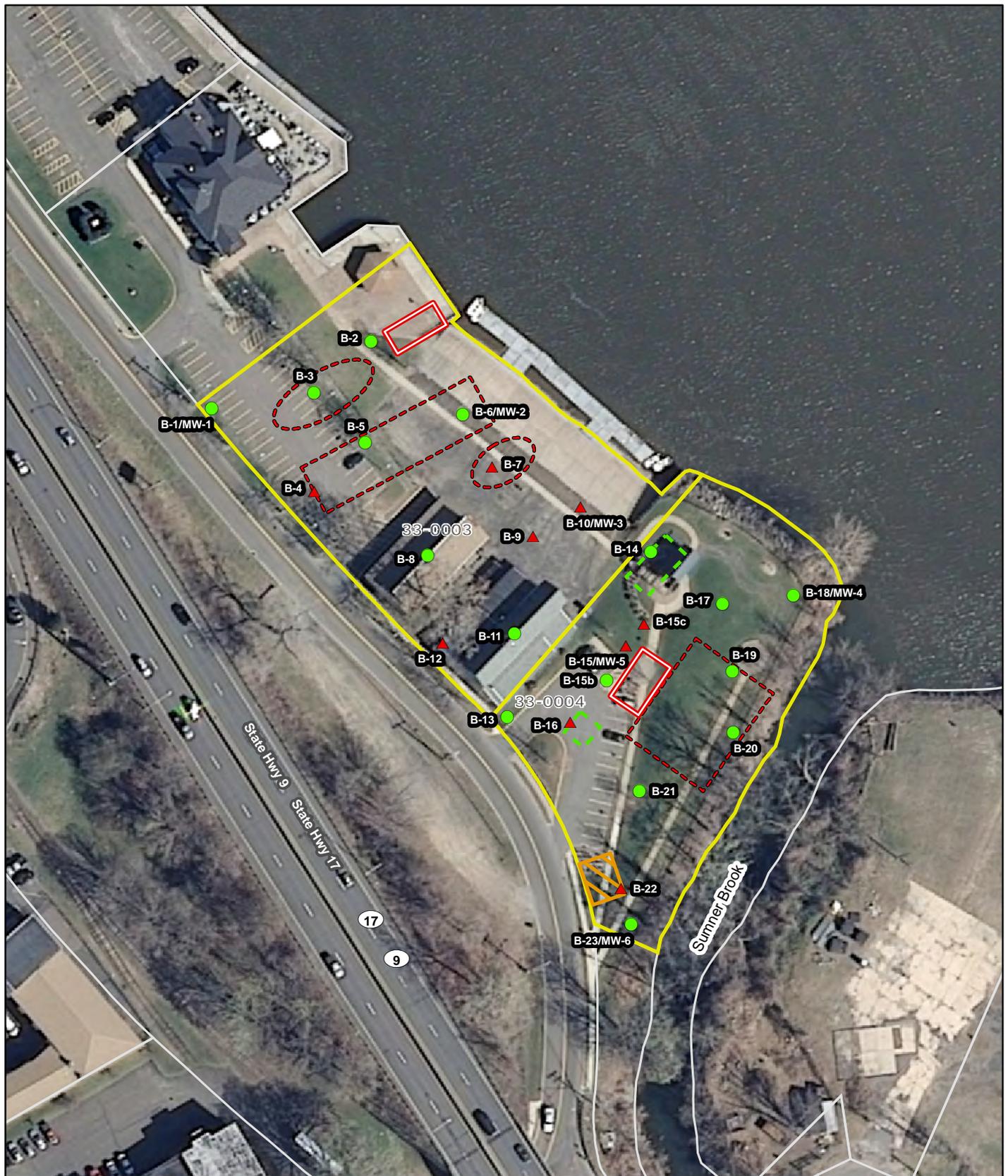


FIGURE 2 SITE PLAN

Harbor Drive Properties
Middletown, Connecticut

July 2015



LEGEND

- Approximate Parcel Boundary
- Approximate Site Boundary
- Sample Locations**
- Soil Below Criteria / Non-Detect
- ▲ Soil Exceedances
- Areas of Concern**
- AOC-1: Former USTs & Fuel-Pump Island
- AOC-2: Former Filling Station
- AOC-3: Former Metal Oil Tanks
- AOC-4: Historic Coal Storage



Source:
Connecticut DEEP Office of Information
Management GIS Data and State of Connecticut 2012 aerial
imagery with 1-foot ground resolution provided by CTECO

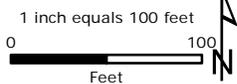
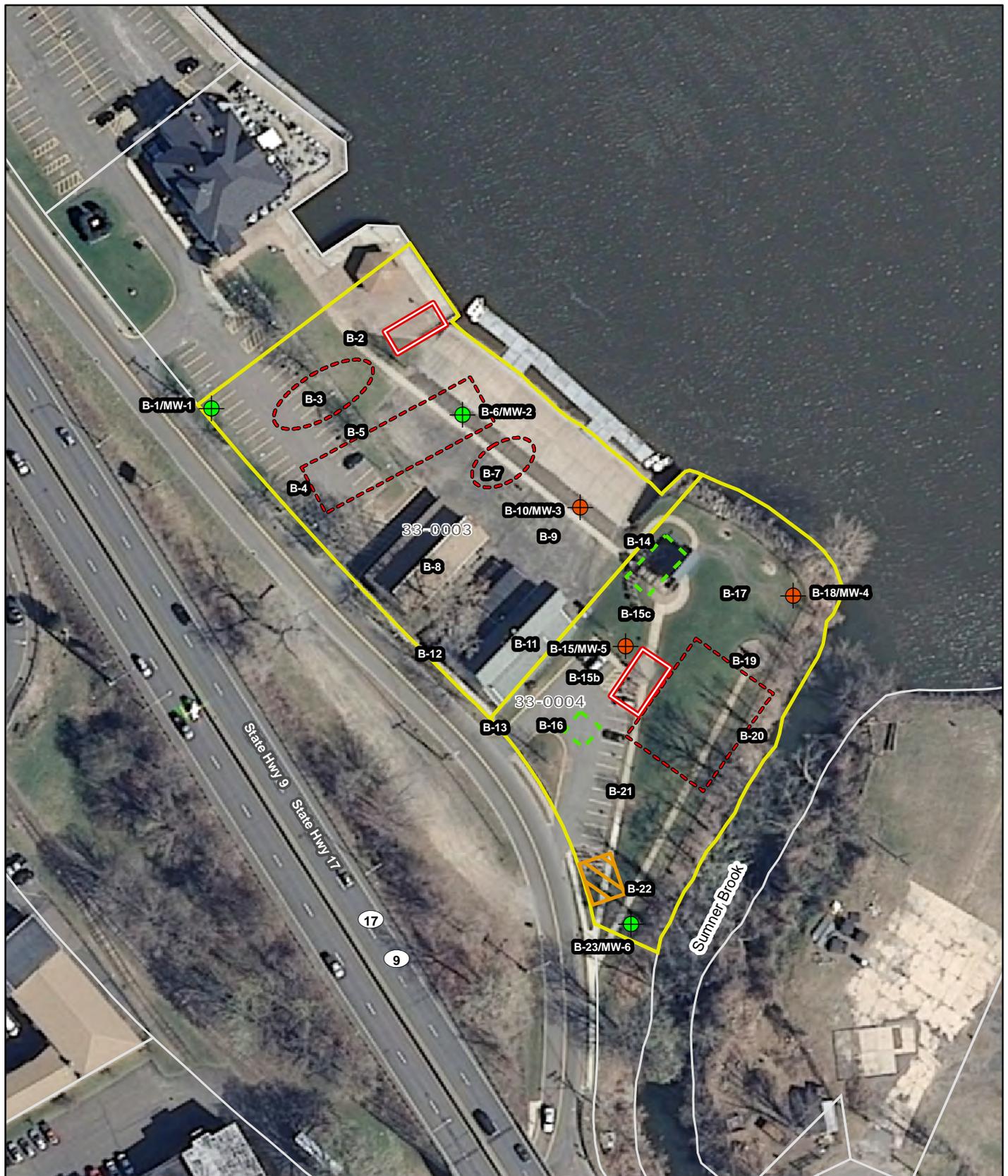


FIGURE 3 SOIL EXCEEDANCE LOCATION MAP

Harbor Drive Properties
Middletown, Connecticut

July 2015



LEGEND

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> Approximate Parcel Boundary Approximate Site Boundary | <p>Groundwater Monitoring Well</p> <ul style="list-style-type: none"> MW Below Criteria / Non-Detect MW Exceedances | <p>Areas of Concern</p> <ul style="list-style-type: none"> AOC-1: Former USTs & Fuel-Pump Island AOC-2: Former Filling Station AOC-3: Former Metal Oil Tanks AOC-4: Historic Coal Storage |
|--|--|--|



Source:
Connecticut DEEP Office of Information
Management GIS Data and State of Connecticut 2012 aerial
imagery with 1-foot ground resolution provided by CTECO

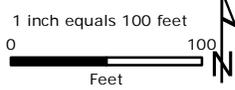


FIGURE 4
GROUNDWATER EXCEEDANCE
LOCATION MAP

Harbor Drive Properties
Middletown, Connecticut

July 2015



Tighe & Bond

Table 1
 Summary of Well Construction
 Phase II ESA
 Harbor Drive
 Middletown, Connecticut

Well ID	Elevation	Construction		Well Installation Date	Well Screen or Open Borehole Interval			Groundwater Elevation	
	Top of Casing	Total Well Depth (ft)	Casing Material		Depth (ft)	Screen / Borehole Length (ft)	Media Screened	Depth to GW (feet)	GW Elevation (feet NGVD)
MW-1	NS	18	2-inch PVC	12/3/14	8-18	10	Overburden	9.51	NS
MW-2	NS	15	2-inch PVC	12/3/14	5-15	10	Overburden	7.27	NS
MW-3	NS	15	2-inch PVC	12/3/14	5-15	10	Overburden	7.71	NS
MW-4	NS	21	2-inch PVC	12/4/14	11-21	10	Overburden	11.48	NS
MW-5	NS	15	2-inch PVC	12/4/14	5-15	10	Overburden	11.65	NS
MW-6	NS	17	2-inch PVC	12/4/14	7-17	10	Overburden	11.81	NS

NS - Not Surveyed

Depth to GW reported from date of sampling (12/8 or 12/11)

Table 2
 Summary of Soil Analytical Results
 Phase II ESA
 Harbor Park
 Middletown, Connecticut

Sample ID Sample Interval P.I.D. Result (ppm) Laboratory ID Sample Date	CT Remediation Standard Regulations			B-1	B-1	B-3	B-4	B-6	B-7	B-9	B-10	B-12
	RES DEC	I/C DEC	GB PMC	5-10' (Bottom 6 in.) 4.7 4120041-01 12/1/2014	15-20' 3.4 4120041-02 12/1/2014	5-10' (Top 27in.) 9.0 4120041-03 12/1/2014	5-10' (Top 24in.) 9.4 4120041-04 12/1/2014	5-10' (Bottom 21 in.) 1.7 4120041-05 12/1/2014	0-5' 1.3 4120041-06 12/1/2014	0-5' (Bottom 8 in.) 10.5 4120041-07 12/1/2014	5-6' 0.8 4120041-08 12/1/2014	5-10' (Top 10 in.) 5.5 4120041-09 12/1/2014
SVOCs (mg/Kg)												
2-Methyl naphthalene	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
Acenaphthene	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
Acenaphthylene	1,000	2,500	84	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
Anthracene	1,000	2,500	400	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
Benzo[a]anthracene	1	8	1	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.41	ND<.360	0.9	ND<.360
Benzo[a]pyrene	1	1	1	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.46	ND<.360	0.89	ND<.360
Benzo[b]fluoranthene	1	8	1	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.53	ND<.360	0.77	ND<.360
Benzo[g,h,i]perylene	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.38	ND<.360	0.85	ND<.360
Benzo[k]fluoranthene	8	78	1	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.46	ND<.360	0.74	ND<.360
Chrysene	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.59	ND<.360	0.95	ND<.360
Dibenz(a,h)anthracene	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
Fluoranthene	1,000	2,500	56	0.38	NA	ND<.340	ND<.340	ND<.350	0.59	ND<.360	1.3	ND<.360
Fluorene	1,000	2,500	56	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
Indeno[1,2,3-cd]pyrene	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.41	ND<.360	0.74	ND<.360
Naphthalene	1,000	2,500	56	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	0.44	ND<.360
Phenanthrene	1,000	2,500	40	0.52	NA	ND<.340	ND<.340	ND<.350	0.48	ND<.360	1.5	ND<.360
Pyrene	1,000	2,500	40	ND<.340	NA	ND<.340	ND<.340	ND<.350	0.52	ND<.360	1.1	ND<.360
Carbazole	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
Dibenzofuran	NE	NE	NE	ND<.340	NA	ND<.340	ND<.340	ND<.350	ND<.350	ND<.360	ND<.350	ND<.360
PCBs (mg/Kg)*	1	10	0.005*	NA	ND<0.25	NA	ND<0.22	NA	ND<0.22	NA	NA	NA
ETPH (mg/Kg)	500	2500	2500	ND<57	ND<65	ND<57	ND<57	ND<59	ND<58	ND<60	280	ND<63
Metals (mg/Kg)*												
Antimony	27	8,200	0.06*	NA	NA	ND<2.3	ND<2.3	NA	7	ND<2.4	8	18
Arsenic	10	10	0.5*	NA	NA	10	14	NA	11	22	18	110
Barium	4,700	140,000	10*	NA	NA	46	54	NA	96	130	160	600
Beryllium	2	2	0.04*	NA	NA	ND<1.1	ND<1.1	NA	ND<1.2	ND<1.2	ND<1.2	ND<1.5
Cadmium	34	1,000	0.05*	NA	NA	1	1	NA	ND<5.8	ND<0.60	1	7
Chromium	NE	NE	0.5*	NA	NA	22	19	NA	17	19	15	31
Copper	2,500	76,000	13*	NA	NA	2,300	1,600	NA	260	240	570	7,100
Lead	400	1,000	0.15*	NA	NA	170	120	NA	210	500	3,800	1,600
Nickel	1,400	7,500	1*	NA	NA	60	38	NA	26	17	27	57
Selenium	340	10,000	0.5*	NA	NA	ND<1.1	ND<1.1	NA	ND<1.2	2	1	7
Silver	340	10,000	0.36*	NA	NA	ND<2.3	ND<2.3	NA	ND<2.3	ND<2.4	ND<2.4	3
Thallium	5	160	0.05*	NA	NA	ND<2.3	ND<2.3	NA	ND<2.3	ND<2.4	ND<2.4	ND<2.5
Vanadium	470	14,000	0.5*	NA	NA	33	49	NA	30	34	22	43
Zinc	20,000	610,000	50*	NA	NA	500	1,300	NA	330	140	1,200	3,000
Mercury	20	610	0.02*	NA	NA	ND<0.23	ND<0.23	NA	1	5	0	3
Cyanide	1,400	41,000	2*	NA	ND<1.3	NA	ND<1.1	ND<1.2	ND<1.2	NA	ND<1.2	ND<1.3
VOCs (µg/Kg)												
1,2,4-Trimethylbenzene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
1,3,5-Trimethylbenzene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
Benzene	21,000	200,000	200	ND	NA	ND	ND	ND	ND	ND	ND	NA
Bromobenzene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
Carbon disulfide	NE	NE	NE	ND	NA	ND	120	ND	ND	ND	ND	NA
Ethylbenzene	500,000	1,000,000	10,100	ND	NA	ND	ND	ND	ND	ND	ND	NA
Isopropylbenzene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
m-Xylene & p-Xylene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
Naphthalene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
N-Propylbenzene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
o-Xylene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
sec-Butylbenzene	NE	NE	NE	ND	NA	ND	ND	ND	ND	ND	ND	NA
Toluene	500,000	1,000,000	67,000	ND	NA	ND	ND	ND	ND	ND	ND	NA

mg/Kg - milligrams per kilogram PCBs - Polychlorinated Biphenyls
 ug/Kg - micrograms per kilogram ETPH - Extractable Total Petroleum Hydrocarbons
 NA - Not Analyzed PAHs - Polycyclic Aromatic Hydrocarbons
 ND - Not detected above laboratory reporting limits NE - Not established
 Bold and boxed indicate exceedance of RSR Criteria

*Result must be obtained by TCLP or SPLP analysis only. Cyanide PMC must be SPLP only.
 VOC Laboratory detection limits vary by constituent
 1 Lab report states B-18 sample interval is 5-10. however that is an error. Interval is 0-5'.

Table 2
 Summary of Soil Analytical Results
 Phase II ESA
 Harbor Park
 Middletown, Connecticut

Sample ID Sample Interval P.I.D. Result (ppm) Laboratory ID Sample Date	CT Remediation Standard Regulations			B-12	B-15C	B-15	DUP	B-16	B-17	B-18'	B-19	B-20
	RES DEC	I/C DEC	GB PMC	10-15' (Top 14in.) 30.6 4120041-10 12/1/2014	10-15' (Bottom 12in.) 256.2 4120041-11 12/1/2014	5-10' (top 12in.) 36.7 4110656-01 11/26/2014	(B-15) 36.7 4110656-02 11/26/2014	5-10' 55.7 4110656-03 11/26/2014	5-10' 40.1 4110656-04 11/25/2014	0-5' 0.2 4110656-05 11/25/2014	10-15' 221.0 4110656-06 11/25/2014	0-5' 3.9 4110656-07 11/25/2014
SVOCs (mg/Kg)												
2-Methyl naphthalene	NE	NE	NE	ND<.380	ND<.380	25	38	0.49	NA	NA	ND<.380	NA
Acenaphthene	NE	NE	NE	ND<.380	ND<.380	ND<.350	ND<.380	0.61	NA	NA	ND<.380	NA
Acenaphthylene	1,000	2,500	84	ND<.380	ND<.380	ND<.350	ND<.380	ND<.380	NA	NA	ND<.380	NA
Anthracene	1,000	2,500	400	ND<.380	ND<.380	ND<.350	ND<.380	1.2	NA	NA	ND<.380	NA
Benzo[a]anthracene	1	8	1	1.1	ND<.380	ND<.350	ND<.380	1.9	NA	NA	0.46	NA
Benzo[a]pyrene	1	1	1	2.4	ND<.380	ND<.350	ND<.380	1.9	NA	NA	0.54	NA
Benzo[b]fluoranthene	1	8	1	1.6	ND<.380	ND<.350	ND<.380	1.3	NA	NA	0.41	NA
Benzo[g,h,i]perylene	NE	NE	NE	2.7	ND<.380	ND<.350	ND<.380	0.95	NA	NA	ND<.380	NA
Benzo[k]fluoranthene	8	78	1	1.4	ND<.380	ND<.350	ND<.380	1.6	NA	NA	0.39	NA
Chrysene	NE	NE	NE	1.1	ND<.380	ND<.350	ND<.380	1.9	NA	NA	0.43	NA
Dibenz(a,h)anthracene	NE	NE	NE	0.96	ND<.380	ND<.350	ND<.380	0.46	NA	NA	ND<.380	NA
Fluoranthene	1,000	2,500	56	0.84	ND<.380	ND<.350	ND<.380	4.1	NA	NA	0.65	NA
Fluorene	1,000	2,500	56	ND<.380	ND<.380	ND<.350	3.8	0.65	NA	NA	ND<.380	NA
Indeno[1,2,3-cd]pyrene	NE	NE	NE	2.7	ND<.380	ND<.350	ND<.380	ND<.380	NA	NA	ND<.380	NA
Naphthalene	1,000	2,500	56	ND<.380	ND<.380	14	17	0.57	NA	NA	ND<.380	NA
Phenanthrene	1,000	2,500	40	0.6	1.5	ND<.350	ND<.380	4.5	NA	NA	ND<.380	NA
Pyrene	1,000	2,500	40	0.81	ND<.380	ND<.350	ND<.380	3.7	NA	NA	0.61	NA
Carbazole	NE	NE	NE	ND<.380	ND<.380	ND<.350	ND<.380	1.1	NA	NA	ND<.380	NA
Dibenzofuran	NE	NE	NE	ND<.380	ND<.380	ND<.350	ND<.380	0.46	NA	NA	ND<.380	NA
PCBs (mg/Kg)*	1	10	0.005*	ND<0.23	ND<0.24	ND<0.22	ND<0.24	ND<0.25	NA	NA	ND<0.24	NA
ETPH (mg/Kg)	500	2500	2500	ND<61	6700	22000	19000	240	110	ND<56	ND<63	ND<56
Metals (mg/Kg)*												
Antimony	27	8,200	0.06*	NA	9	NA	NA	3	NA	NA	ND<2.5	NA
Arsenic	10	10	0.5*	NA	17	NA	NA	7	NA	NA	4	NA
Barium	4,700	140,000	10*	NA	320	NA	NA	110	NA	NA	70	NA
Beryllium	2	2	0.04*	NA	ND<1.3	NA	NA	ND<1.3	NA	NA	ND<1.3	NA
Cadmium	34	1,000	0.05*	NA	ND<0.64	NA	NA	1	NA	NA	ND<0.63	NA
Chromium	NE	NE	0.5*	NA	39	NA	NA	11	NA	NA	27	NA
Copper	2,500	76,000	13*	NA	330	NA	NA	62	NA	NA	34	NA
Lead	400	1,000	0.15*	NA	2,100	NA	NA	1,600	NA	NA	51	NA
Nickel	1,400	7,500	1*	NA	18	NA	NA	14	NA	NA	31	NA
Selenium	340	10,000	0.5*	NA	2	NA	NA	ND<1.3	NA	NA	ND<1.3	NA
Silver	340	10,000	0.36*	NA	ND<2.5	NA	NA	ND<2.5	NA	NA	ND<2.5	NA
Thallium	5	160	0.05*	NA	ND<2.5	NA	NA	ND<2.5	NA	NA	ND<2.5	NA
Vanadium	470	14,000	0.5*	NA	32	NA	NA	17	NA	NA	26	NA
Zinc	20,000	610,000	50*	NA	190	NA	NA	500	NA	NA	240	NA
Mercury	20	610	0.02*	NA	ND<0.25	NA	NA	1	NA	NA	0	NA
Cyanide	1,400	41,000	2*	ND<1.2	ND	NA	NA	NA	NA	NA	ND<1.3	NA
VOCs (µg/Kg)												
1,2,4-Trimethylbenzene	NE	NE	NE	ND	17	40	45	NA	NA	NA	ND	NA
1,3,5-Trimethylbenzene	NE	NE	NE	ND	ND	13	14	NA	NA	NA	ND	NA
Benzene	21,000	200,000	200	41	ND	ND	ND	NA	NA	NA	ND	NA
Bromobenzene	NE	NE	NE	ND	ND	ND	ND	NA	NA	NA	ND	NA
Carbon disulfide	NE	NE	NE	ND	ND	ND	ND	NA	NA	NA	ND	NA
Ethylbenzene	500,000	1,000,000	10,100	ND	ND	12	14	NA	NA	NA	ND	NA
Isopropylbenzene	NE	NE	NE	ND	27	40	50	NA	NA	NA	ND	NA
m-Xylene & p-Xylene	NE	NE	NE	ND	ND	55	61	NA	NA	NA	ND	NA
Naphthalene	NE	NE	NE	ND	ND	99	48	NA	NA	NA	ND	NA
N-Propylbenzene	NE	NE	NE	ND	ND	45	47	NA	NA	NA	ND	NA
o-Xylene	NE	NE	NE	ND	ND	28	38	NA	NA	NA	ND	NA
sec-Butylbenzene	NE	NE	NE	ND	190	190	260	NA	NA	NA	ND	NA
Toluene	500,000	1,000,000	67,000	ND	21	19	15	NA	NA	NA	ND	NA

mg/Kg - milligrams per kilogram PCBs - Polychlorinated Biphenyls
 ug/Kg - micrograms per kilogram ETPH - Extractable Total Petroleum Hydrocarbons
 NA - Not Analyzed PAHs - Polycyclic Aromatic Hydrocarbons
 ND - Not detected above laboratory reporting limits NE - Not established
 Bold and boxed indicate exceedance of RSR Criteria

*Result must be obtained by TCLP or SPLP analysis only. Cyanide PMC must be SPLP only.
 VOC Laboratory detection limits vary by constituent
 1 Lab report states B-18 sample interval is 5-10. however that is an error. Interval is 0-5'.

Table 2
 Summary of Soil Analytical Results
 Phase II ESA
 Harbor Park
 Middletown, Connecticut

Sample ID Sample Interval P.I.D. Result (ppm) Laboratory ID Sample Date	CT Remediation Standard Regulations			B-21	B-22	B-23
	RES DEC	I/C DEC	GB PMC	5-10' 0.2 4110656-08 11/25/2014	5-10' 0.5 4110656-09 11/25/2014	10-15' 0.3 4110656-10 11/25/2014
SVOCs (mg/Kg)						
2-Methyl naphthalene	NE	NE	NE	NA	ND<.360	NA
Acenaphthene	NE	NE	NE	NA	ND<.360	NA
Acenaphthylene	1,000	2,500	84	NA	ND<.360	NA
Anthracene	1,000	2,500	400	NA	0.48	NA
Benzo[a]anthracene	1	8	1	NA	1.7	NA
Benzo[a]pyrene	1	1	1	NA	1.9	NA
Benzo[b]fluoranthene	1	8	1	NA	1.4	NA
Benzo[g,h,i]perylene	NE	NE	NE	NA	0.75	NA
Benzo[k]fluoranthene	8	78	1	NA	1.3	NA
Chrysene	NE	NE	NE	NA	1.6	NA
Dibenz(a,h)anthracene	NE	NE	NE	NA	ND<.360	NA
Fluoranthene	1,000	2,500	56	NA	2.2	NA
Fluorene	1,000	2,500	56	NA	ND<.360	NA
Indeno[1,2,3-cd]pyrene	NE	NE	NE	NA	0.81	NA
Naphthalene	1,000	2,500	56	NA	ND<.360	NA
Phenanthrene	1,000	2,500	40	NA	1.2	NA
Pyrene	1,000	2,500	40	NA	2.1	NA
Carbazole	NE	NE	NE	NA	ND<.360	NA
Dibenzofuran	NE	NE	NE	NA	ND<.360	NA
PCBs (mg/Kg)*	1	10	0.005*	NA	NA	NA
ETPH (mg/Kg)	500	2500	2500	ND<61	64	ND<60
Metals (mg/Kg)*						
Antimony	27	8,200	0.06*	ND<2.4	NA	NA
Arsenic	10	10	0.5*	2	NA	NA
Barium	4,700	140,000	10*	52	NA	NA
Beryllium	2	2	0.04*	ND<1.2	NA	NA
Cadmium	34	1,000	0.05*	ND<0.61	NA	NA
Chromium	NE	NE	0.5*	18	NA	NA
Copper	2,500	76,000	13*	12	NA	NA
Lead	400	1,000	0.15*	8	NA	NA
Nickel	1,400	7,500	1*	19	NA	NA
Selenium	340	10,000	0.5*	ND<1.2	NA	NA
Silver	340	10,000	0.36*	ND<2.4	NA	NA
Thallium	5	160	0.05*	ND<2.4	NA	NA
Vanadium	470	14,000	0.5*	21	NA	NA
Zinc	20,000	610,000	50*	45	NA	NA
Mercury	20	610	0.02*	ND<0.24	NA	NA
Cyanide	1,400	41,000	2*	ND<1.2	NA	NA
VOCs (µg/Kg)						
1,2,4-Trimethylbenzene	NE	NE	NE	ND	NA	NA
1,3,5-Trimethylbenzene	NE	NE	NE	ND	NA	NA
Benzene	21,000	200,000	200	ND	NA	NA
Bromobenzene	NE	NE	NE	ND	NA	NA
Carbon disulfide	NE	NE	NE	ND	NA	NA
Ethylbenzene	500,000	1,000,000	10,100	ND	NA	NA
Isopropylbenzene	NE	NE	NE	ND	NA	NA
m-Xylene & p-Xylene	NE	NE	NE	ND	NA	NA
Naphthalene	NE	NE	NE	ND	NA	NA
N-Propylbenzene	NE	NE	NE	ND	NA	NA
o-Xylene	NE	NE	NE	ND	NA	NA
sec-Butylbenzene	NE	NE	NE	ND	NA	NA
Toluene	500,000	1,000,000	67,000	ND	NA	NA

mg/Kg - milligrams per kilogram PCBs - Polychlorinated Biphenyls
 ug/Kg - micrograms per kilogram ETPH - Extractable Total Petroleum Hydrocarbons
 NA - Not Analyzed PAHs - Polycyclic Aromatic Hydrocarbons
 ND - Not detected above laboratory reporting limits NE - Not established
 Bold and boxed indicate exceedance of RSR Criteria

*Result must be obtained by TCLP or SPLP analysis only. Cyanide PMC must be SPLP only.
 VOC Laboratory detection limits vary by constituent

¹ Lab report states B-18 sample interval is 5-10. however that is an error. Interval is 0-5'.

Table 3
 Summary of Groundwater Analytical Results
 Phase II ESA
 Harbor Drive
 Middletown, Connecticut

Sample ID Lab ID Sample Date	CT Remediation Standard Regulations			MW-1	MW-2	MW-3	MW-4	MW-4 Duplicate	MW-5	MW-6	Equip Blank (Horiba)	Equip Blank (Water Level)	Trip Blank	Trip Blank
	SWPC	RES VOL	IC VOL	4120260-01 12/8/2014	4120376-04 12/11/2014	4120260-04 12/8/2014	4120376-03 12/11/2014	4120376-02 12/11/2014	4120260-03 12/8/2014	4120376-01 12/11/2014	4120260-02 12/8/2014	4120260-05 12/8/2014	4120260-06 12/8/2014	4120376-05 12/11/2014
VOCs (ug/L)														
Acetone	NE	50000	50000	ND<50	ND<50	ND<50	ND<50	ND<50	52	ND<50	ND<50	ND<50	ND<50	ND<50
Isopropylbenzene	NE	NE	NE	ND<1	ND<1	ND<1	ND<1	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1
N-Propylbenzene	NE	NE	NE	ND<1	ND<1	ND<1	ND<1	ND<1	1.4	ND<1	ND<1	ND<1	ND<1	ND<1
sec-Butylbenzene	NE	NE	NE	ND<1	ND<1	ND<1	ND<1	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1
1,2,4-Trimethylbenzene	NE	NE	NE	ND<1	ND<1	ND<1	1.8	1.9	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Naphthalene	NE	NE	NE	ND<1	ND<1	ND<1	10	9.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
SVOCs (ug/L)														
Acenaphthene	0.3	NE	NE	ND<1	ND<1	ND<1	16	13	1	ND<1	ND<1	ND<1	NA	NA
bis(2-Ethylhexyl)phthalate	59	NE	NE	ND<2	ND<2	ND<2			4	ND<2	ND<2	ND<2	NA	NA
Fluorene	140000	NE	NE	ND<1	ND<1	ND<1	6.1	5	1.4	ND<1	ND<1	ND<1	NA	NA
Phenanthrene	0.077	NE	NE	ND<0.077	ND<0.077	ND<0.077	7.5	6.9	0.48	ND<0.077	ND<0.077	ND<0.077	NA	NA
2-Methyl naphthalene	NE	NE	NE	ND<1	ND<1	ND<1	1.3	ND<1.0	ND<1	ND<1	ND<1	ND<1	NA	NA
Anthracene	1,100,000	NE	NE	ND<1	ND<1	ND<1	1.9	1.8	ND<1	ND<1	ND<1	ND<1	NA	NA
Benzo[a]anthracene	0.3	NE	NE	ND<0.06	ND<0.06	ND<0.06	0.14	0.14	ND<0.06	ND<0.06	ND<0.06	ND<0.06	NA	NA
Dibenzofuran	NE	NE	NE	ND<1	ND<1	ND<1	1.2	ND<1.0	ND<1	ND<1	ND<1	ND<1	NA	NA
Fluoranthene	3,700	NE	NE	ND<1	ND<1	ND<1	1.4	1.3	ND<1	ND<1	ND<1	ND<1	NA	NA
Naphthalene	NE	NE	NE	ND<1	ND<1	ND<1	4.8	4	ND<1	ND<1	ND<1	ND<1	NA	NA
Pyrene	110,000	NE	NE	ND<1	ND<1	ND<1	1.3	1.3	ND<1	ND<1	ND<1	ND<1	NA	NA
ETPH (mg/L)														
	NE	NE	NE	0.14	ND<0.1	ND<0.1	0.25	0.26	0.93	ND<0.1	ND<0.1	ND<0.1	NA	NA
Metals (ug/L)														
Antimony	86000	NE	NE	ND<50	ND<50	ND<50	ND<50	ND<51	ND<50	ND<50	ND<50	ND<50	NA	NA
Arsenic	4	NE	NE	ND<4.0	ND<4.0	ND<4.0	ND<4.0	6	ND<4.0	ND<4.0	ND<4.0	ND<4.0	NA	NA
Barium	NE	NE	NE	310	160	140	210	210	290	360	ND<50	ND<50	NA	NA
Beryllium	4	NE	NE	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	NA	NA
Cadmium	6	NE	NE	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	NA	NA
Chromium	NE	NE	NE	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	NA	NA
Copper	48	NE	NE	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	ND<40	NA	NA
Lead	13	NE	NE	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	ND<13	NA	NA
Nickel	880	NE	NE	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	NA	NA
Selenium	50	NE	NE	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	NA	NA
Silver	12	NE	NE	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	ND<12	NA	NA
Thallium	63	NE	NE	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	NA	NA
Vanadium	NE	NE	NE	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	NA	NA
Zinc	123	NE	NE	22	ND<20	560	39	45	24	ND<20	ND<20	ND<20	NA	NA
Mercury	0.4	NE	NE	ND<0.4	ND<0.4	ND<0.4	ND<0.4	ND<0.4	ND<0.4	ND<0.4	ND<0.4	ND<0.4	NA	NA
Cyanide	52	NE	NE	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	NA	NA

ug/L - micrograms per liter
 mg/L - milligrams per liter
 SVOCs - Semi-volatile organic compounds
 VOCs - Volatile organic Compounds
 PCBs - Polychlorinated Biphenyls
 ETPH - Extractable Total Petroleum Hydrocarbons
 NE - Not established
 NA - Not analyzed for this parameter
 ND - Not detected above laboratory reporting limits
 Bold and Boxed values exceed RSR Criteria
 SWPC - Surface Water Protection Criteria
 RES VOL - Residential Volatilization Criteria
 IC VOL - Industrial/Commercial Volatilization Criteria

Table 4

Laboratory Exceptions - Data Usability Analysis

Phase II ESA

Harbor Drive

Middletown, Connecticut

Lab ID	Samples Associated	Compound	QA/QC Description	Source	Result Bias	Target Range %	Result %	DUE Considerations / Resolutions	Media	Detected In Sample
B4L0203-BS1	B-15 (5-10) Top 12in, B-15 (5-10) Top 12in Dup, B-19 (10-15), B-21 (5-10)	Chloromethane	LCS Recovery High	Lab	High	70-130	133%	High RLs due to dilution. RLs below RSR Criteria	Soil	No
		Dichlorodifluoromethane				70-130	142%			No
		Vinyl Chloride				70-130	140%			No
B4L0219-BS1	B-15 (5-10) Top 12in, B-15 (5-10) Top 12in Dup, B-19 (10-15), B-22 (5-10)	Benzyl Alcohol	LCS Recovery Low	Lab	Low	30-130	24.5%	Low RLs due to Limited Rec. Samples ND	Soil	No
		Carbazole	LCS Recovery High		High	40-140	167%	High RLs due to dilution. RLs below RSR Criteria		No
S4L0203-CCV1	B-15 (5-10) Top 12in, B-15 (5-10) Top 12in Dup, B-19 (10-15), B-21 (5-10)	Chloromethane	Calibration Check High	Lab	High	80-120	125%	High RLs due to dilution. RLs below RSR Criteria	Soil	No
		Dichlorodifluoromethane				80-120	134%			No
		Vinyl Chloride				80-120	132%			No
4120041-03	B-3 (5-10) Top 27in	4-Bromofluorobenzene	Surrogate Recovery High	Lab	High	70-130	138%	High surrogate recovery, used to check method performance	Soil	N/A
	B-3 (5-10) Top 27in (B4L0538-MS1)	Antimony	Matrix Spike Recovery High			75-125	150%	High recovery on known matrix spike		No
	B-3 (5-10) Top 27in (B4L0538-MS1)	Thallium	Matrix Spike Recovery Low			75-125	73.7%	Low recovery on known matrix spike		No
4120041-04	B-4 (5-10) Top24in	4-Bromofluorobenzene	Surrogate Recovery High	Lab	High	70-130	138%	High surrogate recovery, used to check method performance	Soil	N/A
4120041-04RE1	B-4 (5-10) Top24in	4-Bromofluorobenzene	Surrogate Recovery Low	Lab	Low	70-130	67.7%	Low surrogate recovery, used to check method performance	Soil	N/A
4120041-07	B-9 (0-5) Bottom 8in	4-Bromofluorobenzene	Surrogate Recovery High	Lab	Low	70-130	138%	High surrogate recovery, used to check method performance	Soil	N/A
4120041-08	B-10 (5-6) (B4L0429 MS1)	2,4-Dinitrophenol	Matrix Spike Recovery Low	Lab	Low	30-130	11.4%	Low recovery on known matrix spike	Soil	No
		3,3-Dichlorobenzidine				40-140	22.3%			No
		Aniline				40-140	18.7%			No
		Benzoic Acid				30-130	15.9%			No
		Benzyl Alcohol				30-130	22.6%			No
		Fluoranthene				40-140	36.5%			Yes
		Pyrene				40-140	37.5%			Yes
B4L0333	B-1 (5-10) Bottom 6in, B-3 (5-10) Top 27in, B-4 (5-10) Top 24in, B-5 (5-10) Bottom 21in, B-7 (0-5), B-9 (0-5) Bottom 8in, B-10 (5-6), B-12 (10-15), B-15c (10-15) Bottom 12in	Methylene Chloride	LCS Recovery High	Lab	High	70-130	133%	High RLs due to Limited Rec. Samples ND for methylene chloride	Soil	No
B4L0425	B-4 (5-10) Top24in (4120041-04RE1)	Dichlorodifluoromethane	LCS Recovery High	Lab	High	70-130	230%	High RLs due to Limited Rec. Sample ND for all three constituents	Soil	No
		Methylene Chloride				70-130	135%			No
		Vinyl Chloride				70-130	132%			No
B4L0538-MSD1	B-3 (5-10) Top 27in	Beryllium	Matrix Spike Duplicate Recovery High	Lab	High	75-125	126%	High recovery on known matrix spike duplicate	Soil	No
		Nickel	Matrix Spike Duplicate Recovery Low		Low	75-125	65.5%	Low recovery on known matrix spike duplicate		Yes

ND - Non-detect

RPD - Relative Percent Difference

RL - Reporting Limit

Rec - Recovery

Shaded cell indicates detection in sample

N/A - Not applicable

Table 4

Laboratory Exceptions - Data Usability Analysis

Phase II ESA

Harbor Drive

Middletown, Connecticut

Lab ID	Samples Associated	Compound	QA/QC Description	Source	Result Bias	Target Range %	Result %	DUE Considerations / Resolutions	Media	Detected In Sample
S4L0406	B-1 (5-10) Bottom 6in, B-3 (5-10) Top 27in, B-4 (5-10) Top 24in, B-5 (5-10) Bottom 21in, B-7 (0-5), B-9 (0-5) Bottom 8in, B-10 (5-6), B-12 (10-15), B-15c (10-15) Bottom 12in	Acetone	Calibration Check Low	Lab	Low	80-120	76%	Low RLs due to dilution. RLs below RSR Criteria	Soil	No
		Bromomethane	Calibration Check High	Lab	High	80-120	130%	High RLs due to dilution. RLs below RSR Criteria		No
		Chloroethane				80-120	141%			No
		Methylene Chloride				80-120	140%			No
		Vinyl Chloride				80-120	139%			No
S4L0501	B-4 (5-10) Top24in (4120041-04RE1)	1,2,3-Trichlorobenzene	Calibration Check High	Lab	High	80-120	125%	High RLs due to dilution. RLs below RSR Criteria	Soil	No
		1,2,4-Trichlorobenzene				80-120	125%			No
		Dibromomethane				80-120	127%			No
		Hexachlorobutadiene				80-120	133%			No
		Methylene Chloride				80-120	133%			No
		Tetrachloroethene				80-120	130%			No
		Trichloroethene				80-120	127%			No
4120260-04	MW-3	2,2-Dichloropropane	Matrix Spike Duplicate Recovery Low	Lab	Low	70-130	57.7%	Low recovery on known matrix spike duplicate	Water	No
		Acetone				70-130	60.5%			No
		Dichlorodifluoromethane				70-130	31.7%			No
B4L1502	Trip Blank, Equipment Blank (WLM)	2,2-Dichloropropane	LCS Recovery Low	Lab	Low	70-130	63.5%	Low RLs due to Limited Rec. Sample ND	Water	No
B4L1513	MW-1, Equipment Blank (H), Equipment Blank (WLM), MW-5, MW-3	3-Nitroaniline	LCS Recovery High	Lab	High	40-140	160%	High RLs due to Limited Rec. Samples ND	Water	No
		4-Chloroaniline				40-140	172%			No
B4L1712	MW-2, MW-4, MW-6, Duplicate	2,4-Dinitrophenol	LCS Recovery Low	Lab	Low	30-130	23.1%	Low RLs due to Limited Rec. Sample ND	Water	No
		3-Nitroaniline	LCS Recovery High		High	40-140	175%	High RLs due to Limited Rec. Samples ND		No
		4-Chloroaniline			40-140	215%	No			
B4L1826-DUP1	MW-2, MW-4, MW-6, Duplicate, Trip Blank	1,2,4-Trimethylbenzene	RPD Discrepancy	Lab	N/A	N/A	N/A	The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.	Water	Yes
		Naphthalene			N/A	N/A	N/A			Yes
4120376-01	MW-6	Acetone	Matrix Spike Recovery Low	Lab	Low	70-130	65.30%	Low recovery on known matrix spike	Water	No

ND - Non-detect

RPD - Relative Percent Difference

RL - Reporting Limit

Rec - Recovery

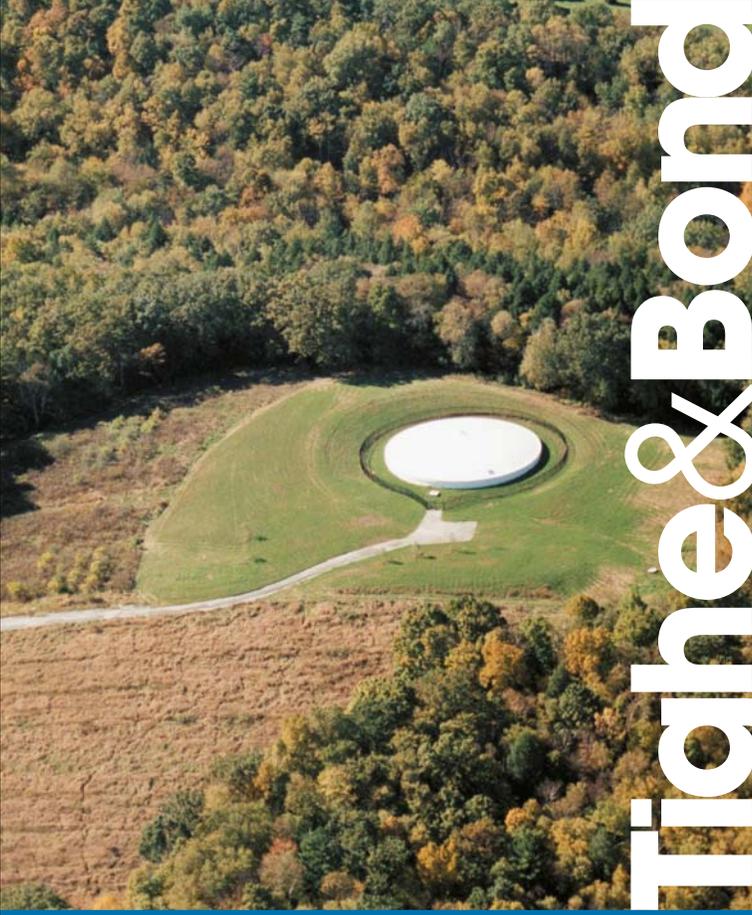
Shaded cell indicates detection in sample

N/A - Not applicable

TABLE 5
 Conceptual Site Model
 Phase II ESA
 Harbor Drive
 Middletown, Connecticut

REC ID	REC Description	Potential COCs	Confirmed COCs	Potential Release Mechanisms and Pathways	Potential Receptors	Status	Sampling Locations		Rationale
							Soil Borings	Monitoring Wells	
1	Former Concrete Plant Operations including UST and Fuel Pump Island	VOCs, PAHs, ETPH, lead	VOCs, PAHs, ETPH, lead	Release Mechanisms: leaks in USTs and piping, or overflow incidents. Pathways: Releases of USTs could impact subsurface soils and groundwater. Overflow incidents would result in surface releases that could migrate through soils and impact groundwater. Also significant releases could have migrated to surface water of the adjacent Connecticut River and Sumner Creek.	Direct exposure to humans from impacted surficial soils. Ecological receptors through migration of contaminated groundwater and adjacent surface waters	Releases identified	B-10 through B-23	MW-4 to MW-6	No overt evidence of petroleum impact was observed during the advancement of these borings. A soil sample collected from B-16 (5-10') identified concentrations of lead exceeding the I/C DEC. There were also exceedances of the I/C DEC and GB PMC for various SVOCs. Low concentrations of ETPH were also detected in this sample. Releases of gasoline could account for the lead and ETPH concentrations however, no noticeable gasoline odors were noted during boring advancement and PID measurements of this sample were relatively low (55.7 ppm). This sample was not analyzed for VOC content. The concentrations of SVOCs detected from this sample suggest fill material could also be the source of impacts detected in B-16. Evidence of fill material (wood fragments) was observed during advancement of this boring. Additional investigation including analysis of VOCs in the area of B-16 is recommended to determine if the source of impacts in this area is related to gasoline releases or fill material.
2	Former Filling Station	VOCs, PAHs, ETPH, PCBs, and lead	VOCs, PAHs, ETPH, lead	Release Mechanisms: leaks USTs, piping, or overflow incidents as well as spillage or dumping of motor vehicle fluids potentially associated with automotive repair operations (i.e. J&H Garage). Pathways: Releases of USTs could impact subsurface soils and groundwater. Overflow incidents would result in surface releases that could migrate through soils and impact groundwater. Also significant releases could have migrated to surface water of the adjacent Connecticut River and Sumner Creek.	Ecological receptors through migration of contaminated groundwater and adjacent surface waters	Releases identified	B-22 and B-23	MW-6	No evidence of gasoline impacts were noted during advancement of the borings at this AOC. PID measurements recorded for soil samples collected from these borings ranged from 0.3 to 0.5 ppm. No VOC analyses were conducted for these samples based on these low PID measurements. Sample B-22 was found to contain SVOC concentrations exceeding the I/C DEC and GB PMC as well as a low concentration of ETPH. These detections are suggestive of polluted fill material. A groundwater sample collected from MW-6 located in this area did not identify petroleum or gasoline impacts. Although no gasoline impacts were identified for this AOC during the conduct of the Phase II ESA, additional sampling would be required to close out this AOC.
3	Former Metal Oil Tanks	VOCs, PAHs, and ETPH	VOCs, PAHs, and ETPH	Release Mechanisms: leaks in USTs and piping, or overflow incidents. Pathways: Releases of USTs could impact subsurface soils and groundwater. Overflow incidents would result in surface releases that could migrate through soils and impact groundwater. Also significant releases could have migrated to surface water of the adjacent Connecticut River and Sumner Creek.	Ecological receptors through migration of contaminated groundwater and adjacent surface waters	Releases identified	B-14 to B-21	MW-4 to MW-6	Petroleum release were identified in borings B-15 and B-15c. These borings were located in the vicinity of this AOC as well as AOC-1. Concentrations of ETPH and lead samples collected from this area were found to exceed the I/C DEC and GB PMC. Low levels of VOCs and SVOCs detected in soils suggest possible fuel oil and gasoline releases could be co-mingled in this area providing overlap with AOC 1. ETPH and SVOC compounds detected in the groundwater sample collected from MW-5 suggests fuel oil impacts to groundwater. SVOC concentrations detected exceeded the SWPC. Additional investigation is warranted to determine the extent of the petroleum impacts to soil and groundwater from this AOC.
4	Historic Coal Storage	PAHs and metals	PAHs and metals	Release Mechanisms: historic buried pockets of coal and widespread fill material containing coal fragments. Pathways: Releases of PAHs and metals to soils and groundwater from decomposition and leaching of coal constituents.	Direct exposure to humans from impacted surficial soils. Ecological receptors through migration of contaminated groundwater and adjacent surface waters	Releases identified	B-1 through B-23	MW-1 to MW-6	All of the borings advanced during the conduct of this Phase II ESA were used to evaluate this AOC which historically encompassed the majority of the site. Coal fragments and ash were observed in boring B-1, B-3, B-4, B-6, B-7, B-10, B-15, and B-19 at varying depths. Layers of coal were noted in boring B-10 from just below grade to depths of 8 feet bg. COCs associated with coal and coal ash include ETPH, SVOCs, and metals including lead and arsenic. With the exception of arsenic all of these COCs are common to petroleum releases and thus make it difficult to decipher the source of these compounds. Soil samples collected from B-4, B-7, B-9, B-10, B-12, and B-15c, contained arsenic concentrations exceeding the I/C DEC and GB PMC likely related to this AOC. Low levels of SVOCs in soil samples B-7, B-10, and B-19 which were noted to contain coal and coal ash, suggest that low level SVOCs, ETPH, and metals detected at the site outside of known petroleum release area could also be associated with this AOC. This AOC overlaps with AOC-5 (Fill Material). There is potential that some of the coal and coal ash fragments existing at the site were associated with fill material historically deposited and not solely from coal storage operations. It is unknown if coal or coal ash contaminants could be contributing to groundwater impacts detected beneath the site (i.e. arsenic, ETPH, and SVOCs) although these materials were observed in soils at and below the water table. Additional sampling and analysis of the leachability of this material is recommended for further evaluation of this AOC. Furthermore, there is an exemption in the CTDEEP RSRs that contamination resulting solely from coal or coal ash does not require remediation. Applicability of this exemption should be further evaluated for the site. This will likely require additional sampling to determine the extent of coal and coal ash deposits at the site and confirm these deposits are not comingled with petroleum releases from former on-site sources.

5	Fill Material	VOCs, PAHs, ETPH, PCBs, and metals	VOCs, PAHs, ETPH, and metals	<p>Release Mechanisms: historic desposition of fill material of unknown composition and origin above and below the water table. Pathways: Releases of contaminants through leaching and erosion which could impact groundwater and adjacent surface water.</p>	<p>Direct exposure to humans from impacted surficial soils. Ecological receptors through migration of contaminated groundwater and adjacent surface waters</p>	Releases identified	B-1 through B-23	MW-1 to MW-6	<p>Historically fill material was used extensively along the riverfront in the area of the site and other properties for filling and riverbank stabilization. Observations made during these previous investigations document the presence of buried materials such as timber, masonry, pieces of metal, etc) protruding from the bank of Lot 4 along the Connecticut River. Fill material consisting of dark brown sand with ceramic fragments, plastic fragments, brick, and concrete fragments was observed throughout the site during the conduct of this Phase II ESA at depths of 2 to 12 feet bg. It is unknown if these materials were deposited as fill material or originated from demolition of former on-site buildings. Coal, coal ash, and cinders were observed in various areas of the site. It is unknown if these materials are associated with former on-site coal storage activities (AOC-4) or if these materials were deposited with fill material, or a combination of both.</p> <p>SVOCs were detected in the majority of soil samples collected during this investigation. Fill material is likely the source of the SVOCs found in soils outside areas where petroleum releases were identified. SVOCs typical of fill material were reported in six samples at 1 to 15 fbg. In three of the six samples (B-12, B-16, B-22), the concentrations were in exceedance of the RES DEC and GB PMC of 1 mg/Kg for the constituents. The concentration of benzo(a)pyrene in the three aforementioned soil samples exceeded the 1/C DEC of 1 mg/Kg as well. Fill material may also be the source or in some cases contributing source to arsenic and lead concentrations exceeding the 1/C DEC detected in soils. Copper was detected in boring B-12 exceeding the RES DEC but not the 1/C DEC. The detection of copper is believed to be directly related to fill material observed during advancement of this boring. Applicability of CTDEEPs wide-spread polluted fill material exemption should be further evaluated for use at the site. This will likely require additional sampling to determine the extent of polluted fill material, confirm areas of material where fill material is the sole source of pollution, and that the fill material is an area wide issue not just and issue for the site. With regard to potential groundwater impacts resulting from fill material, it is difficult at this time to determine if contaminants detected in groundwater (arsenic, ETPH, and SVOCs) are a direct result of polluted fill material. Fill material was observed above and below the water table beneath the site. This material may be contributing to concentrations of these constituents in groundwater. Additional sampling and analysis of the leachability of fill material is recommended for further evaluation of this AOC.</p>
6	Groundwater / Off Site Concerns	VOCs, PAHs, ETPH, and metals	VOCs, PAHs, ETPH, and metals	<p>Release Mechanisms: Migration of contaminants from soil to groundwater via precipitation infiltration. Also potential migration of groundwater contamination from upgradient off-site sources. Pathways: Infiltration through soil, discharge/recharge between groundwater and adjacent surface water</p>	<p>Ecological receptors through migration of contaminated groundwater and adjacent surface waters</p>	Releases identified	NA	MW-1 and MW-6	<p>Groundwater sampling results identified VOCs, SVOCs, ETPH, and metals including arsenic and zinc impacts to groundwater beneath the site. The detection of ETPH in groundwater sample MW-1, the presumed upgradient monitoring well, may indicate the migration of contamination onto the site from an upgradient off-site source. In addition, the zinc concentrations detected in groundwater sample MW-3 exceeding the SWPC may also be from an off-site source as no significant zinc concentrations were detected in soil samples and elevated zinc concentrations in groundwater have been documented for properties upgradient of the site. VOC, SVOC, and ETPH concentrations detected in groundwater samples MW-4 and MW-5 are likely from, at least in part, on-site releases from AOCs. However, due to the historic industrialized nature of the area surrounding the site, there is potential for off-site sources to be contributing to concentrations of these constituents detected in groundwater beneath the site. Additional evaluation is warranted to determine the nature and extent of groundwater impacts beneath the site, the hydrologic influence of adjacent surface waters on site groundwater, and the potential for impact to these surface waters from on-site releases.</p>



Tighe & Bond

Project: Harbor Drive
Location: Boathouse Property
Client: City of Middletown

Boring No. **B-1 / MW-1**

Page 1 of 23

File No. 22-118511

Checked by: GPK

Drilling Co.: ADT

Foreman: Lavelle
T&B Rep.: GPK
Date Start: 12/01/14 End: 12/03/14
Location: See Site Location Plan
GS. Elev. Datum:

Type
I.D./O.D.
Hammer Wt.
Hammer Fall
Other

Casing		Sampler		Groundwater Readings				
Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
	2 1/4"	12/8/2014	1109	9.51'				

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	Well Construction
0	1.5	60/38	0-5	S1	7.5 YR 3/1. Very dark gray, damp, MED SAND, some coarse sand, little coal fragments	SAND	
5	4.7	60/31	5-10	S2	Bottom 6-inches: 7.5 YR 2.5/1 Black, damp, MED SAND, some coarse sand, little fine sand		
10	3.3	60/31	10-15	S3	Top 8-inches: 7.5 YR 2.5/1 Black, damp, medium SAND, some coarse Sand, little fine Sand	SILT	
15	1.2				Bottom 23-inches: 10 YR 4/3, brown, wet to saturated, SILT, little Clay. (Bottom 23")		
15	3.4	60/60	15-20	S4	10 YR 5/2, grayish brown, saturated, SILT, little Clay. Sampled at 9:59		
20	End of Boring @ 20 FBG						
25							
30							

Notes:

Project: Harbor Drive
Location: Boathouse Property
Client: City of Middletown

Boring No. B-2

Page 2 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: Soil Exploration

Foreman: Marty
T&B Rep.: GPK
Date Start: 11/25/14 End: 11/25/14
Location: See Site Location Plan
GS. Elev. Datum:

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S I L T a m t p e r l e v a	Well Construction
5	3.0				Top 11-inches: 10 YR 3/2 very dark grayish brown, damp, MED SAND, some fine sand, little silt			
	0.4	60/44	5-10	S2	Bottom 33-inches: Gley 1 4/6Y, dark greenish gray, moist, SILT, some fine sand			
10	0.3				Top 22-inches: Gley 1 4/6Y, dark greenish gray, moist, SILT, some fine sand	Silt		
	0.2	60/60	10-15	S3	Bottom 38-inches: 7.5YR 4/1, dark gray, wet, SILT, some fine sand, trace clay			
15					End of Boring @ 15 FBG			
20								
25								
30								

Notes: _____

Project: Harbor Drive
Location: Boathouse Property
Client: City of Middletown

Boring No. B-3

Page 3 of 23

File No. 22-118511

Checked by: GPK

Drilling Co.: ADT

Foreman: Lavelle
T&B Rep.: GPK
Date Start: 12/01/14 End: 12/01/14
Location: See Site Location Plan
GS. Elev. Datum:

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S l i m t p e r i v e l	Well Construction
1	2.0	60/42	0-5	S1	10 YR 2.5/2. Very dark brown, damp, MED SAND, some coarse Sand, little rock fragments	SAND	█	
5	9.0	60/43	5-10	S2	Top 27-inches: 7.5 YR 2.5/2. Very dark brown, damp, medium SAND, some coarse Sand, little fine Sand.			
	3.7				Bottom 16-inches: 25 YR 2.5/2. damp, black, coarse SAND, some coal fragments.			
10	0.8	60/44	10-15	S3	Top 8-inches: 25 YR 2.5/2. damp, black, coarse SAND, some coal fragments.	SILT		
	0.8				Bottom 36-inches: 10 YR 4/1. dark gray, moist to wet, SILT, some fine Sand, trace Clay.			
15	1.6	60/45	15-20	S4	Top 20-inches: 10 YR 3/2. Very dark grayish brown, saturated, fine SAND, some Silt. (Top 20 in.)	SAND		
					Bottom 25-inches: 10 YR 4/10. Dark greenish gray, wet, SILT, some fine Sand.	SILT		
20					End of Exploration at 20 FBG			
25								
30								

Notes:

Project: Harbor Drive
Location: Boathouse Property
Client: City of Middletown

Boring No. B-4

Page 4 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Lavelle
T&B Rep.: GPK
Date Start: 12/01/14 End: 12/01/14
Location: See Site Location Plan
GS. Elev. Datum:

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S I L T P e r l e v e a	Well Construction
5	9.4	60/44	5-10	S2	Top 24-inches: 5 YR 3/3. Dark reddish brown, damp, medium to fine SAND, some coarse Sand, trace coal fragments.			
10	2.2				Bottom 20-inches: 10 YR 2/1. Black, damp, fine SAND, some medium Sand.			
15	0.3	60/24	10-15	S3	5 YR 4/1. Dark gray, wet, SILT, some fine Sand, trace coal fragments.	SILT		
20	0.4	60/60	15-20	S4	Gley 5/11. Gray, saturated, SILT			
25					End of Exploration at 20 FBG			
30								

Notes:

Project: Harbor Drive
 Location: Harbor Park
 Client: City of Middletown

Boring No. B-5

Page 5 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Lavelle
 T&B Rep.: GPK
 Date Start: 12/01/14 End: 12/01/14
 Location: See Site Location Plan
 GS. Elev. Datum:

Type	Casing	Sampler	Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time
I.D./O.D.		2 1/4"					
Hammer Wt.							
Hammer Fall							
Other							

Depth (ft.)	PID ppm	Penetration	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S a n t h e r m o m e t r y	Well Construction
		Rec. (in)						
1								
2-4					Four attempts, Refusal between 4 and 5 FBG in all four attempts			
5								
6-8								
10								
15								
20								
25								
30								

Notes:

Project: Boathouse Property
 Location: Harbor Park
 Client: City of Middletown

Boring No. B-6 / MW-2

Page 6 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Lavelle

T&B Rep.: GPK

Date Start: 12/01/14 End: 12/03/14

Location: See Site Location Plan

GS. Elev. _____ Datum: _____

Casing	Sampler	Groundwater Readings			
		Date	Time	Depth	Sta. Time
Geoprobe	Macrocore	12/3/2014	1100	8.76'	
	2 1/4"	12/11/2014	800	7.27'	

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t m p e r i r e v a	Well Construction
1	0.8	60/31	0-5	S1	Top 19-inches: 7.5 YR 6/3. Light brown, damp, fine SAND, some medium Sand	SAND	GW	
	0.4				Mid 6-inches: 7.5 YR 6/3. Light brown, damp, fine SAND, some concrete fragments.			
	0.3				Bottom 6-inches: 7.5 YR 3/2. Dark brown, moist, medium SAND, little coal fragments.			
5	1.1	60/39	5-10	S2	Top 18-inches: 7.5 YR 3/3. Dark brown, damp, medium SAND, little coarse Sand, trace concrete fragments.	SAND	GW	
	1.7				Bottom 21-inches: 10 YR 2/1. Black, damp, fine SAND, little medium Sand.			
10	5.0	60/60	10-15	S3	Top 26-inches: 10 YR 2/1. Black, wet, coarse SAND, little coal fragments.	SAND	GW	
					Bottom 34-inches: 10 YR 4/1. Dark gray, moist, SILT, some fine Sand.			
15	0.1	60/60	15-20	S4	10 YR 4/1. Dark gray, moist, SILT, some fine Sand.	SILT	GW	
20					End of Boring @ 20 FBG			
25								
30								

Notes:

Project: Harbor Drive
Location: Harbor Park
Client: City of Middletown

Boring No. B-7

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Lavelle

T&B Rep.: GPK

Date Start: 12/01/14 End: 12/01/14

Location: See Site Location Plan

GS. Elev. Datum:

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S I L T P e r l e v e a	Well Construction
1	1.3	60/32	0-5	S1	5 YR 5/6. Yellowish red, damp, fine SAND, some medium Sand, coal fragments/ layers, little ash.	SAND	[REDACTED]	
5	0.7	60/31	5-10	S2	5 YR 5/6. Yellowish red, damp, fine SAND, some medium Sand, coal fragments/ layers, little ash.			
10	0.2	60/40	10-15	S3	Top 12-inches: 7.5 YR 3/3. Dark brown, saturated, fine SAND, some medium Sand.			
15	1.5				Bottom 28-inches: Gley 1 4/10y. Dark greenish gray, wet, medium SAND, some coarse Sand, little Silt.			
15	0.6	60/60	15-20	S4	Top 36-inches: Gley 1 4/10y. Dark greenish gray, wet, SILT, some fine Sand.	SILT		
20	1.0				Bottom 24-inches: Gley 1 4/10y. Dark greenish gray, saturated, medium SAND, little fine Sand, trace Silt.	SAND		
20					End of Exploration at 20 FBG			
25								
30								

Notes:

Project: Harbor Drive
Location: Harbor Park
Client: City of Middletown

Boring No. B-9

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Lavelle

T&B Rep.: GPK

Date Start: 12/01/14 End: 12/01/14

Location: See Site Location Plan

GS. Elev. Datum:

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta.	Time	
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a m t p e r l e v a	Well Construction
1	7.8	60/36	0-5	S1	Top 28-inches: 10 YR 3/3. Dark brown, damp, medum SAND, some coarse Sand, trace fine Sand.	SAND	[Black Box]	
	10.5				Bottom 8-inches: 10 YR 3/6. Dark yellowish brown, damp, medium SAND, some ash/cinders.			
5	0.7	60/44	5-10	S2	Top 9-inches: 5 YR 3/4. Dark reddish brown, damp, medium to coarse SAND.	SAND		
	0.4				Middle 12-inches: 5 YR 4/6. Yellowish red, damp, fine SAND, some medium Sand, little Silt.			
	0.3				Bottom 23-inches: 10 YR 3/6 dark yellowish brown, damp, MED SAND, some ash/cinders			
10	0.2	60/48	10-15	S3	Top 12-inches: 5 YR 3/2. dark reddish brown, moist, fine SAND, some medium Sand.	SAND		
					Bottom 36-inches: Gley 1 3/108. Very dark greenish gray, wet, SILT. (Bottom 36 in.)			
15	0	60/54	15-20	S4	Gley 1 3/108. Very dark greenish gray, wet, SILT.	SILT		
20					End of Exploration at 20 FBG			
25								
30								

Notes:

Project: Harbor Drive
Location: Boathouse Property
Client: City of Middletown

Boring No. **B-10 / MW-3**

Page 9 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Lavelle

T&B Rep.: GPK

Date Start: 12/01/14 End: 12/03/14

Location: See Site Location Plan

GS. Elev. Datum: _____

Casing		Sampler		Groundwater Readings				
Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
	2 1/4"	12/3/2014	1305	8.08'				
		12/8/2014	1315	7.71'				

Depth (ft.)	PID ppm	Penetration		Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v e a	Well Construction
		Rec. (in)							
1	0.2	60/32		0-5	S1	5 YR 5/6 yellowish red, damp, FINE SAND, some med sand, coal fragments\layer, little ash			
5	0.4	60/36		5-10	S2	5 YR 5/6 yellowish red, damp, FINE SAND, some med sand, coal fragments\layer, little ash	SAND		
10	0.3	60/32		10-15	S3	7.5 YR 3/3 dark brown, saturated, FINE SAND, some med sand			
15	0.4	60/34		15-20	S4	Gley 1 4/10Y dark greenish gray, wet, SILT, some fine sand	SILT		
20						End of Exploration at 20 FBG			
25									
30									

Notes:

Project: Harbor Drive
Location: Boathouse Property
Client: City of Middletown

Boring No. **B-12**

Page 10 of 23

File No. 22-118511

Checked by:

Drilling Co.: ADT

Foreman: Lavelle
T&B Rep.: GPK
Date Start: 12/01/14 End: 12/01/14
Location: See Site Location Plan
GS. Elev. Datum:

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v a	Well Construction
1	0.2	60/22	0-5	S1	5 YR 4/4. Reddish brown, damp, medium SAND, some fine Sand, trace brick/ coal/ ash towards bottom.	SAND		
5	5.5	60/22	5-10	S2	Top 10-inches: 5 YR 4/4. Reddish brown, damp, fine SAND, some brick/ coal/ ash. Green fragments Bottom 12-inches: 5 YR 3/2. Dark reddish brown, moist, fine SAND, little Silt.			
10	30.6	60/40	10-15	S3	Top 14-inches: 5 YR 3/3. Reddish brown, moist, medium SAND.			
15	8.8				Bottom 26-inches: 7.5 YR 3/3. dark brown, SILT, little fine Sand.	SILT		
15	6.3	60/45	15-20	S4	Top 12-inches: 7.5 YR 4/1. Dark gray, wet, fine SAND, little Silt.	CLAY		
20	0.9				Mid 17-inches: 7.5 YR 5/6. Brown, wet, CLAY, trace Silt.			
20	4.0				Bottom 16-inches: 7.5 YR 4/6. Brown, wet, fine SAND, little medium Sand.	SAND		
25					End of Exploration at 20 FBG			
30								

Notes:

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-13**

Page 11 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty

T&B Rep.: GPK

Date Start: 11/26/14 End: 11/26/14

Location: See Site Location Plan

GS. Elev. Datum: _____

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration		Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v e a	Well Construction
		Rec. (in)							
1	0.2	60/5		0-5	S1	damp, FINE SAND, some med sand	SAND		
5	0.1	60/4		5-10	S2	moist, FINE SAND, some silt, little med sand			
10	30.6					Top 13-inches: saturated, FINE SAND, some silt, little med sand			
		60/60		10-15	S3	Bottom 47-inches: damp, SILT AND CLAY	SILT / CLAY		
15						End of Boring @ 15 FBG			
20									
25									
30									

Notes:

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-14**

Page 12 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty
T&B Rep.: GPK
Date Start: 11/26/14 End: 11/26/14
Location: See Site Location Plan
GS. Elev. Datum: _____

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n d c l a y p e r l e v e l	Well Construction
1	0.2	60/24	0-5	S1	dark red, damp, MED AND FINE SAND	SAND	N o S a m p l e	
5	0.4	60/24	5-10	S2	Top 18-inches: dark red, damp, MED AND FINE SAND			
	1.2				Bottom 6-inches: white to gray, damp, rock fragments, plastic in core			
10	0.6	60/32	10-15	S3	Top 11-inches: saturated, FINE SAND, some silt, little med sand	SILT / CLAY		
	1.4				Bottom 21-inches: damp, SILT AND CLAY			
15					End of Boring @ 15 FBG			
20								
25								
30								

Notes:

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-15**

Page 13 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty
T&B Rep.: GPK
Date Start: 11/26/14 End: 11/26/14
Location: See Site Location Plan
GS. Elev. Datum: _____

Casing	Sampler	Groundwater Readings				
		Date	Time	Depth	Casing	Sta. Time
Geoprobe	Macrocore	12/5/2014	1145	13.21'		
	2 1/4"	12/8/2014	930	11.65'		

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v e a	Well Construction
1	15.8	60/26	0-5	S1	moist, FINE AND MED SAND, piece of plastic at bottom of macrocore, strong petroleum odor	SAND		
5	36.7	60/30	5-10	S2	Top 12-inches: black, damp, FINE SAND, some med sand, strong petroleum odor			
	48.2				Bottom 18-inches: red to brown, saturated, FINE SAND, little silt			
10	29.5	60/52	10-15	S3	gray to black, wet, SILT, some fine sand, little clay, sheen on outside of soil core	SILT		
15	11.2	60/60	15-20	S4	gray to black, wet, SILT, some fine sand, little clay, sheen on outside of soil core			
20					End of Exploration at 20 FBG			
25								
30								

Notes:

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-15b**

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Lavelle
T&B Rep.: GPK
Date Start: 12/01/14 End: 12/01/14
Location: See Site Location Plan
GS. Elev. Datum: _____

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration		Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v e a	Well Construction
		Rec. (in)							
1	36.3	60/36		0-5	S1	Black, MED SAND, some coal fragments, little ash, slight petroleum odor	SAND	N o S a m p l e	
5	67.8	60/28		5-10	S2	Black, FINE SAND, little med sand, trace silt, Strong petroleum odor			
10	-	60/49		10-15	S3	Grayish black, saturated, SILT, some fine sand, slight petroleum odor	SILT		
15						End of boring at 15 FBG			
20									
25									
30									

Notes: 15b was collected from approximately 10-feet west of B-15

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-16**

Page 16 of 23

File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty
T&B Rep.: GPK
Date Start: 11/26/14 End: 11/26/14
Location: See Site Location Plan
GS. Elev. Datum: _____

Casing	Sampler	Groundwater Readings						
		Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time
			2 1/4"					

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v a	Well Construction
1	2.1	60/38	0-5	S1	damp, FINE SAND, some med sand	SAND		
5	55.7	60/13	5-10	S2	moist, FINE SAND, some silt, little med sand			
10	12.3	60/6	10-15	S3	moist, MED SAND, some fine sand, little wood fragments			
15	10.1	60/60	15-20	S4	Top 39-inches: saturated, MED SAND, some coarse sand, little silt	CLAY		
20	35.6				Bottom 11-inches: moist, CLAY, little silt			
20					End of Exploration at 20 FBG			
25								
30								

Notes:

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. B-17

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty
T&B Rep.: GPK
Date Start: 11/25/14 End: 11/25/14
Location: See Site Location Plan
GS. Elev. _____ Datum: _____

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S I I a n t p e l r e v a	Well Construction
1	16.7	60/50	0-5	S1	7.5YR 4/2 brown, damp, MED SAND, some fine sand, trace coarse sand	SAND		
5	40.1	60/33	5-10	S2	7.5YR 3/2 dark brown, moist, FINE SAND, some med sand, trace fine rock fragments			
10	14.5	60/30	10-15	S3	7.5YR 4/3 brown, moist, MED SAND, some fine sand, little rock fragments			
15					End of Boring @ 15 FBG			
20								
25								
30								

Notes:

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-18 / MW-4**

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty

T&B Rep.: GPK

Date Start: 11/25/14 End: 12/04/14

Location: See Site Location Plan

GS. Elev. Datum: _____

Casing		Sampler		Groundwater Readings				
Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
	2 1/4"	12/11/2014		11.48				

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S I m t p e r i v e l	Well Construction
1	0.2	60/18	0-5	S1	10YR 4/3 brown, damp, FINE SAND, trace silt	SAND	8.5'	Concrete Road Box Native Fill 2" Solid PVC Riser
5	0.2	48/12	5-10	S2	10YR 5/3 brown, samp, FINE SAND, little silt, trace coarse sand			
9					End of Boring @ 9 FBG		10'	Bentonite Plug
10							11'	Silica Sand
15								2" 0.1 Slot PVC Screen
20								
25								
30								

Notes: Refusal with the auto-hammer on the Geoprobe, hollow-stem auger was able to drill through the refusal.

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-20**

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty

T&B Rep.: GPK

Date Start: 11/25/14 End: 11/25/14

Location: See Site Location Plan

GS. Elev. Datum: _____

Casing		Sampler		Groundwater Readings				
Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
	2 1/4"							

Depth (ft.)	PID ppm	Penetration Rec. (in)	Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S I l t p e r l e v a	Well Construction
1	3.9	60/18	0-5	S1	10YR 3/4 dark yellowish brown, damp, FINE SAND, little med sand, trace silt	SAND		
5	18.9	42/20	5-10	S2	10YR 5/3 brown, FINE SAND, some silt			
8.5					End of Boring @ 8.5 FBG			
10								
15								
20								
25								
30								

Notes: Refusal @ 8.5 FBG, concrete pieces in tip of macrocore

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-21**

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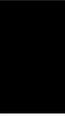
File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty
T&B Rep.: GPK
Date Start: 11/25/14 End: 11/25/14
Location: See Site Location Plan
GS. Elev. Datum: _____

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration		Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v e a	Well Construction
		Rec. (in)							
1	0.2	60/40		0-5	S1	10YR 4/3, brown, damp, FINE SAND	SAND		
5	0.2	60/32		5-10	S2	10YR 4/3, brown, damp, FINE SAND, some med sand, little rock fragments			
10	0.3	60/60		10-15	S3	Top 16-inches: 7.5YR 3/4, dark brown, damp, MED SAND, little fine sand	SILT		
	0.7					Bottom 44-inches: 10YR 4/1, dark gray, damp, SILT, some fine sand			
15	0.6	60/60		15-20	S4	Top 36-inches: 10YR 4/1, dark gray, damp, SILT, some fine sand	CLAY		
	0.4					Bottom 24-inches: 7.5YR 5/4 brown, wet, SILT, trace clay			
20						End of Boring @ 20 FBG			
25									
30									

Notes: _____

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-22**

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty
T&B Rep.: GPK
Date Start: 11/25/14 End: 11/25/14
Location: See Site Location Plan
GS. Elev. Datum: _____

Type	Casing		Sampler		Groundwater Readings				
	Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
I.D./O.D.		2 1/4"							
Hammer Wt.									
Hammer Fall									
Other									

Depth (ft.)	PID ppm	Penetration		Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v e a	Well Construction
		Rec. (in)							
1	0.5	60/21		0-5	S1	7.5yr 4/3 brown, damp, MED SAND, little fine sand, trace rock fragments	SAND	[Redacted]	
5	0.5	60/24		5-10	S2	7.5YR 3/2 dark brown, moist, FINE SAND, little med sand			
10	0.3	60/48		10-15	S3	Top 24-inches: 7.5YR 3/2, dark brown, moist, FINE SAND, little med sand			
	0.4					Bottom 24-inches: 7.5YR 4/3, brown, moist, SILT, some clay	SILT		
15						End of Boring @ 15 FBG			
20									
25									
30									

Notes:

Project: Harbor Drive
Location: Columbus Point
Client: City of Middletown

Boring No. **B-23 / MW-6**

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File No. 22-118511

Checked by: _____

Drilling Co.: ADT

Foreman: Marty
T&B Rep.: GPK
Date Start: 12/01/14 End: 12/04/14
Location: See Site Location Plan
GS. Elev. Datum: _____

Casing		Sampler		Groundwater Readings				
Geoprobe	Macrocore	Date	Time	Depth	Casing	Sta. Time		
	2 1/4"	12/9/2014	1040	11.81'				

Depth (ft.)	PID ppm	Penetration		Sleeve Interval (ft.)	Sleeve Number	Sample Description	General Stratigraphy	S i l t a n t p e r l e v e a	Well Construction
		Rec. (in)							
1	0.0	60/25		0-5	S1	2.5YR 3/1, dark reddish gray, damp, MED SAND, some coarse sand, trace rock fragments			
5	0.0	60/13		5-10	S2	2.5YR 3/1, dark reddish gray, damp, MED SAND, some coarse sand, trace rock fragments	SAND		
10	0.3	60/30		10-15	S3	7.5YR 4/1, brown, moist to wet (@bottom 15-inches) FINE SAND, some silt, little med sand		GW	
15	0.4					7.5YR 5/3 dark brown, wet, FINE SAND, some med sand			
	0.5	60/60		15-20	S4	7.5YR 4/3, brown, CLAY, little silt	CLAY		
20						End of Boring @ 20 FBG			
25									
30									

Notes:



Client: Ms. Amy Vaillancourt
Tighe & Bond
213 Court St Suite 900
Middletown, CT 06457

Analytical Report

CET# 4110656

Report Date: December 09, 2014
Project: Harbor Drive, Middletown
Project Number: M-1185
PO Number: 22-1185-11

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate.: M-CT903



New York Certification: 11982
Rhode Island Certification: 199

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

SAMPLE SUMMARY

The sample(s) were received at 4.1°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B-15 (5-10) Top 12in	4110656-01	Soil	11/26/2014 9:50	11/26/2014
B-15 (5-10) Top 12in Dup	4110656-02	Soil	11/26/2014 9:51	11/26/2014
B-16 (5-10)	4110656-03	Soil	11/26/2014 8:40	11/26/2014
B-17 (5-10)	4110656-04	Soil	11/25/2014 15:20	11/26/2014
B-18 (5-10)	4110656-05	Soil	11/25/2014 15:11	11/26/2014
B-19 (10-15)	4110656-06	Soil	11/25/2014 15:30	11/26/2014
B-20 (0-5)	4110656-07	Soil	11/25/2014 16:05	11/26/2014
B-21 (5-10)	4110656-08	Soil	11/25/2014 14:36	11/26/2014
B-22 (5-10)	4110656-09	Soil	11/25/2014 14:50	11/26/2014
B-23 (10-15)	4110656-10	Soil	11/25/2014 14:20	11/26/2014

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte: Total Solids [EPA 160.3 modified]

Analyst: SJ

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4110656-01	B-15 (5-10) Top 12in	86	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-02	B-15 (5-10) Top 12in Dup	83	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-03	B-16 (5-10)	79	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-04	B-17 (5-10)	87	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-05	B-18 (5-10)	89	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-06	B-19 (10-15)	79	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-07	B-20 (0-5)	89	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-08	B-21 (5-10)	82	1.0	%	1	B4L0206	12/02/2014	12/02/2014 17:00	
4110656-09	B-22 (5-10)	84	1.0	%	1	B4L0207	12/02/2014	12/02/2014 17:00	
4110656-10	B-23 (10-15)	83	1.0	%	1	B4L0207	12/02/2014	12/02/2014 17:00	

Analyte: Cyanide,Total [EPA 9012B]

Analyst: CC

Prep: EPA 9013

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4110656-06	B-19 (10-15)	ND	1.3	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4110656-08	B-21 (5-10)	ND	1.2	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	

Analyte: Mercury [EPA 7471B]

Analyst: JF

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4110656-03	B-16 (5-10)	0.50	0.25	mg/kg dry	1	B4L0330	12/03/2014	12/03/2014 14:26	
4110656-06	B-19 (10-15)	0.38	0.25	mg/kg dry	1	B4L0330	12/03/2014	12/03/2014 14:29	
4110656-08	B-21 (5-10)	ND	0.24	mg/kg dry	1	B4L0330	12/03/2014	12/03/2014 14:32	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in**Lab ID: 4110656-01****Conn. Extractable TPH****Analyst: TD****Method: CT-ETPH****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	22000	580	10	EPA 3550C	B4L0209	12/02/2014	12/03/2014 10:24	2
<i>Surrogate: Octacosane</i>	<i>107 %</i>	<i>50 - 150</i>			B4L0209	12/02/2014	<i>12/03/2014 10:24</i>	

2 C9-C28 Fuel Oil Range

PCBs by Soxhlet**Analyst: CA****Method: EPA 8082A****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1221	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1232	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1242	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1248	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1254	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1260	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1268	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
PCB-1262	ND	0.23	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:34	
<i>Surrogate: TCMX</i>	<i>71.4 %</i>	<i>50 - 150</i>			B4L0130	12/01/2014	<i>12/03/2014 14:34</i>	
<i>Surrogate: DCB</i>	<i>89.5 %</i>	<i>50 - 150</i>			B4L0130	12/01/2014	<i>12/03/2014 14:34</i>	

Semivolatile Organics**Analyst: ALB****Method: EPA 8270D****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
1,3-Dichlorobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
n-Nitroso-di-n-propylamine	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Pyridine	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
n-Nitroso-dimethylamine	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
bis(2-Chloroethyl)ether	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	

Complete Environmental Testing, Inc.

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in

Lab ID: 4110656-01

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Aniline	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2-Chlorophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
1,4-Dichlorobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Benzyl Alcohol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	*F1
1,2-Dichlorobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
bis(2-Chloroisopropyl)ether	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Hexachloroethane	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2-Methyl Phenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
3+4 Methyl Phenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Naphthalene	14000	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2-Nitrophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,4-Dichlorophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Hexachlorobutadiene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
4-Chloro-3-methylphenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Nitrobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Isophorone	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,4-Dimethylphenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
bis(2-Chloroethoxy)methane	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Benzoic Acid	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
1,2,4-Trichlorobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,6-Dichlorophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
4-Chloroaniline	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
1,2,4,5-Tetrachlorobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2-Methyl Naphthalene	25000	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Acenaphthylene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Acenaphthene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Dibenzofuran	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Fluorene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Hexachlorocyclopentadiene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,4,6-Trichlorophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,4,5-Trichlorophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,4-Dinitrophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
4-Nitrophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2-Chloronaphthalene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2-Nitroaniline	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Dimethylphthalate	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,6-Dinitrotoluene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
4-Nitroaniline	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
2,4-Dinitrotoluene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	

Complete Environmental Testing, Inc.

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in

Lab ID: 4110656-01

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,3,4,6-Tetrachlorophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
4-Chlorophenyl-phenylether	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Diethylphthalate	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Phenanthrene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Anthracene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Carbazole	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	*F2
Fluoranthene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Pyrene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
n-Nitrosodiphenylamine	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Pentachlorophenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
3-Nitroaniline	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
4,6-Dinitro-2-methylphenol	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
1,2-Diphenylhydrazine	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
4-Bromophenyl-phenylether	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Hexachlorobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Di-n-butylphthalate	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Pentachloronitrobenzene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Benzo[a]anthracene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Chrysene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Butylbenzylphthalate	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
3,3-Dichlorobenzidine	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
bis(2-Ethylhexyl)phthalate	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Di-n-octylphthalate	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Benzo[b]fluoranthene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Benzo[k]fluoranthene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Benzo[a]pyrene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Indeno[1,2,3-cd]pyrene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Dibenz[a,h]anthracene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	
Benzo[g,h,i]perylene	ND	3500	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 11:11	

Surrogate: 2-Fluorophenol	55.2 %	30 - 130		B4L0219	12/02/2014	12/05/2014 11:11
Surrogate: Phenol-d6	68.5 %	30 - 130		B4L0219	12/02/2014	12/05/2014 11:11
Surrogate: Nitrobenzene-d5	90.0 %	30 - 130		B4L0219	12/02/2014	12/05/2014 11:11
Surrogate: 2-Fluorobiphenyl	66.2 %	30 - 130		B4L0219	12/02/2014	12/05/2014 11:11
Surrogate: 2,4,6-Tribromophenol	63.6 %	30 - 130		B4L0219	12/02/2014	12/05/2014 11:11
Surrogate: Terphenyl-d14	83.0 %	30 - 130		B4L0219	12/02/2014	12/05/2014 11:11

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in

Lab ID: 4110656-01

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	27	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	*F2*C2
Chloromethane	ND	18	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	*F2*C2
Vinyl Chloride	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	*F2*C2
Bromomethane	ND	18	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Chloroethane	ND	18	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Trichlorofluoromethane	ND	71	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Acetone	ND	270	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Acrylonitrile	ND	14	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Trichlorotrifluoroethane	ND	71	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,1-Dichloroethene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Methylene Chloride	ND	89	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Carbon Disulfide	ND	18	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Methyl-t-Butyl Ether (MTBE)	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
trans-1,2-Dichloroethene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,1-Dichloroethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
2-Butanone (MEK)	ND	44	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
2,2-Dichloropropane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
cis-1,2-Dichloroethene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Chloroform	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Tetrahydrofuran	ND	44	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,1,1-Trichloroethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Carbon Tetrachloride	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,1-Dichloropropene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Benzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2-Dichloroethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Trichloroethene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2-Dichloropropane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Dibromomethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Bromodichloromethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Methyl Isobutyl Ketone	ND	44	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
cis-1,3-Dichloropropene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Toluene	19	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
trans-1,3-Dichloropropene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
2-Hexanone	ND	44	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,1,2-Trichloroethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Tetrachloroethene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,3-Dichloropropane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Dibromochloromethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2-Dibromoethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in

Lab ID: 4110656-01

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	44	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Chlorobenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,1,1,2-Tetrachloroethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Ethylbenzene	12	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
m+p Xylenes	55	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
o-Xylene	28	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Styrene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Bromoform	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Isopropylbenzene	40	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,1,2,2-Tetrachloroethane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Bromobenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2,3-Trichloropropane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
n-Propylbenzene	45	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
2-Chlorotoluene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
4-Chlorotoluene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,3,5-Trimethylbenzene	13	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
tert-Butylbenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2,4-Trimethylbenzene	40	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
sec-Butylbenzene	190	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,3-Dichlorobenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
4-Isopropyltoluene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,4-Dichlorobenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2-Dichlorobenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
n-Butylbenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2-Dibromo-3-Chloropropane	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2,4-Trichlorobenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Hexachlorobutadiene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
Naphthalene	99	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	
1,2,3-Trichlorobenzene	ND	8.9	3.05	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:21	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	92.8 %	70 - 130		B4L0203	12/01/2014	12/01/2014 23:21
<i>Surrogate: Toluene-d8</i>	95.1 %	70 - 130		B4L0203	12/01/2014	12/01/2014 23:21
<i>Surrogate: 4-Bromofluorobenzene</i>	84.3 %	70 - 130		B4L0203	12/01/2014	12/01/2014 23:21

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in Dup**Lab ID: 4110656-02****Conn. Extractable TPH****Analyst: TD****Method: CT-ETPH****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	19000	600	10	EPA 3550C	B4L0209	12/02/2014	12/03/2014 10:47	2
<i>Surrogate: Octacosane</i>	<i>102 %</i>		<i>50 - 150</i>		B4L0209	12/02/2014	<i>12/03/2014 10:47</i>	

2 C9-C28 Fuel Oil Range

PCBs by Soxhlet**Analyst: CA****Method: EPA 8082A****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1221	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1232	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1242	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1248	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1254	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1260	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1268	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
PCB-1262	ND	0.24	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 14:53	
<i>Surrogate: TCMX</i>	<i>69.6 %</i>		<i>50 - 150</i>		B4L0130	12/01/2014	<i>12/03/2014 14:53</i>	
<i>Surrogate: DCB</i>	<i>87.2 %</i>		<i>50 - 150</i>		B4L0130	12/01/2014	<i>12/03/2014 14:53</i>	

Semivolatile Organics**Analyst: ALB****Method: EPA 8270D****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
1,3-Dichlorobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
n-Nitroso-di-n-propylamine	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Pyridine	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
n-Nitroso-dimethylamine	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
bis(2-Chloroethyl)ether	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in Dup

Lab ID: 4110656-02

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Aniline	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2-Chlorophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
1,4-Dichlorobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Benzyl Alcohol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	*F1
1,2-Dichlorobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
bis(2-Chloroisopropyl)ether	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Hexachloroethane	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2-Methyl Phenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
3+4 Methyl Phenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Naphthalene	17000	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2-Nitrophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,4-Dichlorophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Hexachlorobutadiene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
4-Chloro-3-methylphenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Nitrobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Isophorone	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,4-Dimethylphenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
bis(2-Chloroethoxy)methane	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Benzoic Acid	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
1,2,4-Trichlorobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,6-Dichlorophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
4-Chloroaniline	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
1,2,4,5-Tetrachlorobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2-Methyl Naphthalene	38000	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Acenaphthylene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Acenaphthene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Dibenzofuran	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Fluorene	3800	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Hexachlorocyclopentadiene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,4,6-Trichlorophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,4,5-Trichlorophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,4-Dinitrophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
4-Nitrophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2-Chloronaphthalene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2-Nitroaniline	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Dimethylphthalate	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,6-Dinitrotoluene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
4-Nitroaniline	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
2,4-Dinitrotoluene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	

Complete Environmental Testing, Inc.

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in Dup

Lab ID: 4110656-02

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,3,4,6-Tetrachlorophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
4-Chlorophenyl-phenylether	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Diethylphthalate	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Phenanthrene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Anthracene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Carbazole	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	*F2
Fluoranthene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Pyrene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
n-Nitrosodiphenylamine	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Pentachlorophenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
3-Nitroaniline	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
4,6-Dinitro-2-methylphenol	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
1,2-Diphenylhydrazine	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
4-Bromophenyl-phenylether	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Hexachlorobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Di-n-butylphthalate	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Pentachloronitrobenzene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Benzo[a]anthracene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Chrysene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Butylbenzylphthalate	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
3,3-Dichlorobenzidine	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
bis(2-Ethylhexyl)phthalate	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Di-n-octylphthalate	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Benzo[b]fluoranthene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Benzo[k]fluoranthene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Benzo[a]pyrene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Indeno[1,2,3-cd]pyrene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Dibenz[a,h]anthracene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	
Benzo[g,h,i]perylene	ND	3600	10	EPA 3545A	B4L0219	12/02/2014	12/05/2014 12:15	

Surrogate: 2-Fluorophenol	56.0 %	30 - 130		B4L0219	12/02/2014	12/05/2014 12:15
Surrogate: Phenol-d6	73.8 %	30 - 130		B4L0219	12/02/2014	12/05/2014 12:15
Surrogate: Nitrobenzene-d5	112 %	30 - 130		B4L0219	12/02/2014	12/05/2014 12:15
Surrogate: 2-Fluorobiphenyl	75.0 %	30 - 130		B4L0219	12/02/2014	12/05/2014 12:15
Surrogate: 2,4,6-Tribromophenol	77.5 %	30 - 130		B4L0219	12/02/2014	12/05/2014 12:15
Surrogate: Terphenyl-d14	62.6 %	30 - 130		B4L0219	12/02/2014	12/05/2014 12:15

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in Dup

Lab ID: 4110656-02

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	20	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	*F2*C2
Chloromethane	ND	13	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	*F2*C2
Vinyl Chloride	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	*F2*C2
Bromomethane	ND	13	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Chloroethane	ND	13	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Trichlorofluoromethane	ND	53	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Acetone	ND	200	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Acrylonitrile	ND	11	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Trichlorotrifluoroethane	ND	53	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,1-Dichloroethene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Methylene Chloride	ND	66	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Carbon Disulfide	ND	13	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Methyl-t-Butyl Ether (MTBE)	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
trans-1,2-Dichloroethene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,1-Dichloroethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
2-Butanone (MEK)	ND	33	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
2,2-Dichloropropane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
cis-1,2-Dichloroethene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Chloroform	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Tetrahydrofuran	ND	33	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,1,1-Trichloroethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Carbon Tetrachloride	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,1-Dichloropropene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Benzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2-Dichloroethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Trichloroethene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2-Dichloropropane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Dibromomethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Bromodichloromethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Methyl Isobutyl Ketone	ND	33	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
cis-1,3-Dichloropropene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Toluene	15	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
trans-1,3-Dichloropropene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
2-Hexanone	ND	33	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,1,2-Trichloroethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Tetrachloroethene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,3-Dichloropropane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Dibromochloromethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2-Dibromoethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15 (5-10) Top 12in Dup

Lab ID: 4110656-02

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	33	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Chlorobenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,1,1,2-Tetrachloroethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Ethylbenzene	14	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
m+p Xylenes	61	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
o-Xylene	38	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Styrene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Bromoform	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Isopropylbenzene	50	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,1,2,2-Tetrachloroethane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Bromobenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2,3-Trichloropropane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
n-Propylbenzene	47	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
2-Chlorotoluene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
4-Chlorotoluene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,3,5-Trimethylbenzene	14	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
tert-Butylbenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2,4-Trimethylbenzene	45	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
sec-Butylbenzene	260	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,3-Dichlorobenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
4-Isopropyltoluene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,4-Dichlorobenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2-Dichlorobenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
n-Butylbenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2-Dibromo-3-Chloropropane	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2,4-Trichlorobenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Hexachlorobutadiene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
Naphthalene	48	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
1,2,3-Trichlorobenzene	ND	6.6	2.2	EPA 5035A-L	B4L0203	12/01/2014	12/01/2014 23:59	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>89.7 %</i>	<i>70 - 130</i>			B4L0203	12/01/2014	<i>12/01/2014 23:59</i>	
<i>Surrogate: Toluene-d8</i>	<i>91.9 %</i>	<i>70 - 130</i>			B4L0203	12/01/2014	<i>12/01/2014 23:59</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>70.8 %</i>	<i>70 - 130</i>			B4L0203	12/01/2014	<i>12/01/2014 23:59</i>	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-16 (5-10)

Lab ID: 4110656-03

Total Metals

Method: EPA 6010C

Analyst: SS

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	1600	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Selenium	ND	1.3	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Cadmium	1.2	0.64	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Chromium	11	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Arsenic	7.1	1.3	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Barium	110	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Silver	ND	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Copper	62	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Nickel	14	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Zinc	500	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Beryllium	ND	1.3	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Antimony	2.5	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Thallium	ND	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	
Vanadium	17	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:53	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	240	64	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 02:24	1

Surrogate: Octacosane 105 % 50 - 150 B4L0209 12/02/2014 12/03/2014 02:24

1 C18-C36 may be PNA Related

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
PCB-1221	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
PCB-1232	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
PCB-1242	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
PCB-1248	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-16 (5-10)

Lab ID: 4110656-03

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1254	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
PCB-1260	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
PCB-1268	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
PCB-1262	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/02/2014 15:50	
<i>Surrogate: TCMX</i>	<i>74.3 %</i>	<i>50 - 150</i>			B4L0130	12/01/2014	<i>12/02/2014 15:50</i>	
<i>Surrogate: DCB</i>	<i>92.8 %</i>	<i>50 - 150</i>			B4L0130	12/01/2014	<i>12/02/2014 15:50</i>	

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
1,3-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
n-Nitroso-di-n-propylamine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Pyridine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
n-Nitroso-dimethylamine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
bis(2-Chloroethyl)ether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Aniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2-Chlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
1,4-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Benzyl Alcohol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	*F1
1,2-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
bis(2-Chloroisopropyl)ether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Hexachloroethane	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2-Methyl Phenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
3+4 Methyl Phenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Naphthalene	570	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2-Nitrophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,4-Dichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Hexachlorobutadiene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
4-Chloro-3-methylphenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Nitrobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Isophorone	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,4-Dimethylphenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-16 (5-10)

Lab ID: 4110656-03

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethoxy)methane	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Benzoic Acid	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
1,2,4-Trichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,6-Dichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
4-Chloroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
1,2,4,5-Tetrachlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2-Methyl Naphthalene	490	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Acenaphthylene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Acenaphthene	610	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Dibenzofuran	460	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Fluorene	650	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Hexachlorocyclopentadiene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,4,6-Trichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,4,5-Trichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,4-Dinitrophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
4-Nitrophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2-Chloronaphthalene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2-Nitroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Dimethylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,6-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
4-Nitroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,4-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
2,3,4,6-Tetrachlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
4-Chlorophenyl-phenylether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Diethylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Phenanthrene	4500	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Anthracene	1200	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Carbazole	1100	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	*F2
Fluoranthene	4100	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Pyrene	3700	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
n-Nitrosodiphenylamine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Pentachlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
3-Nitroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
4,6-Dinitro-2-methylphenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
1,2-Diphenylhydrazine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
4-Bromophenyl-phenylether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Hexachlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Di-n-butylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Pentachloronitrobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-16 (5-10)**Lab ID: 4110656-03****Semivolatile Organics****Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[a]anthracene	1900	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Chrysene	1900	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Butylbenzylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
3,3-Dichlorobenzidine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
bis(2-Ethylhexyl)phthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Di-n-octylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Benzo[b]fluoranthene	1300	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Benzo[k]fluoranthene	1600	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Benzo[a]pyrene	1900	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Indeno[1,2,3-cd]pyrene	920	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Dibenz[a,h]anthracene	410	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	
Benzo[g,h,i]perylene	950	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 17:14	

<i>Surrogate: 2-Fluorophenol</i>	<i>64.1 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 17:14</i>	
<i>Surrogate: Phenol-d6</i>	<i>72.8 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 17:14</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>70.5 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 17:14</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>64.4 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 17:14</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>53.2 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 17:14</i>	
<i>Surrogate: Terphenyl-d14</i>	<i>68.3 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 17:14</i>	

Client Sample ID B-17 (5-10)**Lab ID: 4110656-04****Conn. Extractable TPH****Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	110	58	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 02:47	R

<i>Surrogate: Octacosane</i>	<i>100 %</i>	<i>50 - 150</i>			B4L0209	12/02/2014	<i>12/03/2014 02:47</i>	
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R Unknown C14-C28 Range

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-18 (5-10)

Lab ID: 4110656-05

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 03:10	
<i>Surrogate: Octacosane</i>	<i>107 %</i>	<i>50 - 150</i>			B4L0209	12/02/2014	<i>12/03/2014 03:10</i>	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-19 (10-15)**Lab ID: 4110656-06****Total Metals****Method: EPA 6010C****Analyst: SS****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	51	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Selenium	ND	1.3	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Cadmium	ND	0.63	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Chromium	27	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Arsenic	3.6	1.3	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Barium	70	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Silver	ND	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Copper	34	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Nickel	31	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Zinc	240	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Beryllium	ND	1.3	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Antimony	ND	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Thallium	ND	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	
Vanadium	26	2.5	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 14:57	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	63	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 03:32	
<i>Surrogate: Octacosane</i>	<i>103 %</i>	<i>50 - 150</i>			B4L0209	12/02/2014	<i>12/03/2014 03:32</i>	

PCBs by Soxhlet**Method: EPA 8082A****Analyst: CA****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	
PCB-1221	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	
PCB-1232	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	
PCB-1242	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	
PCB-1248	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-19 (10-15)

Lab ID: 4110656-06

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1254	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	
PCB-1260	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	
PCB-1268	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	
PCB-1262	ND	0.25	1	EPA 3540C	B4L0130	12/01/2014	12/03/2014 15:12	

Surrogate: TCMX

64.5 %

50 - 150

B4L0130

12/01/2014

12/03/2014 15:12

Surrogate: DCB

68.2 %

50 - 150

B4L0130

12/01/2014

12/03/2014 15:12

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
1,3-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
n-Nitroso-di-n-propylamine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Pyridine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
n-Nitroso-dimethylamine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
bis(2-Chloroethyl)ether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Aniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2-Chlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
1,4-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Benzyl Alcohol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	*F1
1,2-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
bis(2-Chloroisopropyl)ether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Hexachloroethane	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2-Methyl Phenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
3+4 Methyl Phenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Naphthalene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2-Nitrophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,4-Dichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Hexachlorobutadiene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
4-Chloro-3-methylphenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Nitrobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Isophorone	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,4-Dimethylphenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-19 (10-15)

Lab ID: 4110656-06

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethoxy)methane	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Benzoic Acid	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
1,2,4-Trichlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,6-Dichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
4-Chloroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
1,2,4,5-Tetrachlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2-Methyl Naphthalene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Acenaphthylene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Acenaphthene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Dibenzofuran	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Fluorene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Hexachlorocyclopentadiene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,4,6-Trichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,4,5-Trichlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,4-Dinitrophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
4-Nitrophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2-Chloronaphthalene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2-Nitroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Dimethylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,6-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
4-Nitroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,4-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
2,3,4,6-Tetrachlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
4-Chlorophenyl-phenylether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Diethylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Phenanthrene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Anthracene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Carbazole	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	*F2
Fluoranthene	650	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Pyrene	610	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
n-Nitrosodiphenylamine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Pentachlorophenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
3-Nitroaniline	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
4,6-Dinitro-2-methylphenol	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
1,2-Diphenylhydrazine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
4-Bromophenyl-phenylether	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Hexachlorobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Di-n-butylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Pentachloronitrobenzene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-19 (10-15)

Lab ID: 4110656-06

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[a]anthracene	460	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Chrysene	430	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Butylbenzylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
3,3-Dichlorobenzidine	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
bis(2-Ethylhexyl)phthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Di-n-octylphthalate	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Benzo[b]fluoranthene	410	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Benzo[k]fluoranthene	390	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Benzo[a]pyrene	540	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Indeno[1,2,3-cd]pyrene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Dibenz[a,h]anthracene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	
Benzo[g,h,i]perylene	ND	380	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 18:07	

<i>Surrogate: 2-Fluorophenol</i>	<i>45.4 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 18:07</i>	
<i>Surrogate: Phenol-d6</i>	<i>53.4 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 18:07</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>46.8 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 18:07</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>46.7 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 18:07</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>58.7 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 18:07</i>	
<i>Surrogate: Terphenyl-d14</i>	<i>66.7 %</i>	<i>30 - 130</i>			B4L0219	12/02/2014	<i>12/03/2014 18:07</i>	

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	25	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	*F2*C2
Chloromethane	ND	17	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	*F2*C2
Vinyl Chloride	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	*F2*C2
Bromomethane	ND	17	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Chloroethane	ND	17	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Trichlorofluoromethane	ND	68	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Acetone	ND	250	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Acrylonitrile	ND	14	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Trichlorotrifluoroethane	ND	68	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,1-Dichloroethene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Methylene Chloride	ND	85	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-19 (10-15)

Lab ID: 4110656-06

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Carbon Disulfide	ND	17	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Methyl-t-Butyl Ether (MTBE)	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
trans-1,2-Dichloroethene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,1-Dichloroethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
2-Butanone (MEK)	ND	42	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
2,2-Dichloropropane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
cis-1,2-Dichloroethene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Chloroform	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Tetrahydrofuran	ND	42	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,1,1-Trichloroethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Carbon Tetrachloride	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,1-Dichloropropene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Benzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2-Dichloroethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Trichloroethene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2-Dichloropropane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Dibromomethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Bromodichloromethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Methyl Isobutyl Ketone	ND	42	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
cis-1,3-Dichloropropene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Toluene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
trans-1,3-Dichloropropene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
2-Hexanone	ND	42	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,1,2-Trichloroethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Tetrachloroethene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,3-Dichloropropane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Dibromochloromethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2-Dibromoethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
trans-1,4-Dichloro-2-Butene	ND	42	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Chlorobenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,1,1,2-Tetrachloroethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Ethylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
m+p Xylenes	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
o-Xylene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Styrene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Bromoform	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Isopropylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,1,2,2-Tetrachloroethane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Bromobenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-19 (10-15)

Lab ID: 4110656-06

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichloropropane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
n-Propylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
2-Chlorotoluene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
4-Chlorotoluene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,3,5-Trimethylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
tert-Butylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2,4-Trimethylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
sec-Butylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,3-Dichlorobenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
4-Isopropyltoluene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,4-Dichlorobenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2-Dichlorobenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
n-Butylbenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2-Dibromo-3-Chloropropane	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2,4-Trichlorobenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Hexachlorobutadiene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
Naphthalene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
1,2,3-Trichlorobenzene	ND	8.5	2.69	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 00:35	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>70 - 130</i>			B4L0203	12/02/2014	<i>12/02/2014 00:35</i>	
<i>Surrogate: Toluene-d8</i>	<i>102 %</i>	<i>70 - 130</i>			B4L0203	12/02/2014	<i>12/02/2014 00:35</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>96.5 %</i>	<i>70 - 130</i>			B4L0203	12/02/2014	<i>12/02/2014 00:35</i>	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-20 (0-5)

Lab ID: 4110656-07

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	56	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 03:55	
<i>Surrogate: Octacosane</i>	<i>110 %</i>	<i>50 - 150</i>			B4L0209	12/02/2014	<i>12/03/2014 03:55</i>	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-21 (5-10)

Lab ID: 4110656-08

Total Metals

Method: EPA 6010C

Analyst: SS

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	8.0	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Selenium	ND	1.2	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Cadmium	ND	0.61	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Chromium	18	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Arsenic	2.3	1.2	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Barium	52	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Silver	ND	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Copper	12	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Nickel	19	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Zinc	45	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Beryllium	ND	1.2	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Antimony	ND	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Thallium	ND	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	
Vanadium	21	2.4	1	EPA 3050B	B4L0405	12/04/2014	12/04/2014 15:02	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	61	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 04:18	
<i>Surrogate: Octacosane</i>	<i>110 %</i>	<i>50 - 150</i>			B4L0209	12/02/2014	<i>12/03/2014 04:18</i>	

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	28	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	*F2*C2
Chloromethane	ND	19	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	*F2*C2
Vinyl Chloride	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	*F2*C2
Bromomethane	ND	19	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Chloroethane	ND	19	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-21 (5-10)

Lab ID: 4110656-08

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Trichlorofluoromethane	ND	76	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Acetone	ND	280	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Acrylonitrile	ND	15	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Trichlorotrifluoroethane	ND	76	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,1-Dichloroethene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Methylene Chloride	ND	95	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Carbon Disulfide	ND	19	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Methyl-t-Butyl Ether (MTBE)	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
trans-1,2-Dichloroethene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,1-Dichloroethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
2-Butanone (MEK)	ND	47	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
2,2-Dichloropropane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
cis-1,2-Dichloroethene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Chloroform	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Tetrahydrofuran	ND	47	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,1,1-Trichloroethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Carbon Tetrachloride	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,1-Dichloropropene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Benzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2-Dichloroethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Trichloroethene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2-Dichloropropane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Dibromomethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Bromodichloromethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Methyl Isobutyl Ketone	ND	47	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
cis-1,3-Dichloropropene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Toluene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
trans-1,3-Dichloropropene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
2-Hexanone	ND	47	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,1,2-Trichloroethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Tetrachloroethene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,3-Dichloropropane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Dibromochloromethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2-Dibromoethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
trans-1,4-Dichloro-2-Butene	ND	47	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Chlorobenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,1,1,2-Tetrachloroethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Ethylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
m+p Xylenes	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-21 (5-10)

Lab ID: 4110656-08

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
o-Xylene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Styrene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Bromoform	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Isopropylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,1,2,2-Tetrachloroethane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Bromobenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2,3-Trichloropropane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
n-Propylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
2-Chlorotoluene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
4-Chlorotoluene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,3,5-Trimethylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
tert-Butylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2,4-Trimethylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
sec-Butylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,3-Dichlorobenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
4-Isopropyltoluene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,4-Dichlorobenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2-Dichlorobenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
n-Butylbenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2-Dibromo-3-Chloropropane	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2,4-Trichlorobenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Hexachlorobutadiene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
Naphthalene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
1,2,3-Trichlorobenzene	ND	9.5	3.12	EPA 5035A-L	B4L0203	12/02/2014	12/02/2014 01:10	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>96.7 %</i>		<i>70 - 130</i>		B4L0203	12/02/2014	<i>12/02/2014 01:10</i>	
<i>Surrogate: Toluene-d8</i>	<i>99.5 %</i>		<i>70 - 130</i>		B4L0203	12/02/2014	<i>12/02/2014 01:10</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>100 %</i>		<i>70 - 130</i>		B4L0203	12/02/2014	<i>12/02/2014 01:10</i>	

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-22 (5-10)

Lab ID: 4110656-09

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	64	59	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 04:41	1

Surrogate: Octacosane 91.4 % 50 - 150 B4L0209 12/02/2014 12/03/2014 04:41

1 C18-C36 may be PNA Related

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
1,3-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
n-Nitroso-di-n-propylamine	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Pyridine	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
n-Nitroso-dimethylamine	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
bis(2-Chloroethyl)ether	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Aniline	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2-Chlorophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
1,4-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Benzyl Alcohol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	*F1
1,2-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
bis(2-Chloroisopropyl)ether	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Hexachloroethane	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2-Methyl Phenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
3+4 Methyl Phenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Naphthalene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2-Nitrophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,4-Dichlorophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Hexachlorobutadiene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
4-Chloro-3-methylphenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Nitrobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Isophorone	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,4-Dimethylphenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
bis(2-Chloroethoxy)methane	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Benzoic Acid	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
1,2,4-Trichlorobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,6-Dichlorophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-22 (5-10)

Lab ID: 4110656-09

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
4-Chloroaniline	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
1,2,4,5-Tetrachlorobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2-Methyl Naphthalene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Acenaphthylene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Acenaphthene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Dibenzofuran	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Fluorene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Hexachlorocyclopentadiene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,4,6-Trichlorophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,4,5-Trichlorophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,4-Dinitrophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
4-Nitrophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2-Chloronaphthalene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2-Nitroaniline	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Dimethylphthalate	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,6-Dinitrotoluene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
4-Nitroaniline	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,4-Dinitrotoluene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
2,3,4,6-Tetrachlorophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
4-Chlorophenyl-phenylether	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Diethylphthalate	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Phenanthrene	1200	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Anthracene	480	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Carbazole	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	*F2
Fluoranthene	2200	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Pyrene	2100	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
n-Nitrosodiphenylamine	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Pentachlorophenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
3-Nitroaniline	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
4,6-Dinitro-2-methylphenol	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
1,2-Diphenylhydrazine	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
4-Bromophenyl-phenylether	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Hexachlorobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Di-n-butylphthalate	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Pentachloronitrobenzene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Benzo[a]anthracene	1700	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Chrysene	1600	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Butylbenzylphthalate	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
3,3-Dichlorobenzidine	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-22 (5-10)**Lab ID: 4110656-09****Semivolatiles Organics****Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Ethylhexyl)phthalate	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Di-n-octylphthalate	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Benzo[b]fluoranthene	1400	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Benzo[k]fluoranthene	1300	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Benzo[a]pyrene	1900	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Indeno[1,2,3-cd]pyrene	810	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Dibenz[a,h]anthracene	ND	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	
Benzo[g,h,i]perylene	750	360	1	EPA 3545A	B4L0219	12/02/2014	12/03/2014 19:03	

<i>Surrogate: 2-Fluorophenol</i>	60.7 %	30 - 130			B4L0219	12/02/2014	12/03/2014 19:03	
<i>Surrogate: Phenol-d6</i>	67.5 %	30 - 130			B4L0219	12/02/2014	12/03/2014 19:03	
<i>Surrogate: Nitrobenzene-d5</i>	61.8 %	30 - 130			B4L0219	12/02/2014	12/03/2014 19:03	
<i>Surrogate: 2-Fluorobiphenyl</i>	58.3 %	30 - 130			B4L0219	12/02/2014	12/03/2014 19:03	
<i>Surrogate: 2,4,6-Tribromophenol</i>	60.9 %	30 - 130			B4L0219	12/02/2014	12/03/2014 19:03	
<i>Surrogate: Terphenyl-d14</i>	68.2 %	30 - 130			B4L0219	12/02/2014	12/03/2014 19:03	

Client Sample ID B-23 (10-15)**Lab ID: 4110656-10****Conn. Extractable TPH****Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	60	1	EPA 3550C	B4L0209	12/02/2014	12/03/2014 05:04	

<i>Surrogate: Octacosane</i>	83.8 %	50 - 150			B4L0209	12/02/2014	12/03/2014 05:04	
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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

QUALITY CONTROL SECTION

Batch B4L0130 - EPA 8082A

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0130-BLK1)					Prepared: 12/1/2014 Analyzed: 12/2/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
<i>Surrogate: TCMX</i>					84.0	50 - 150			
<i>Surrogate: DCB</i>					90.5	50 - 150			
LCS (B4L0130-BS1)					Prepared: 12/1/2014 Analyzed: 12/2/2014				
PCB-1016	0.695	0.20	1.000		69.5	50 - 150			
PCB-1260	0.766	0.20	1.000		76.6	50 - 150			
<i>Surrogate: TCMX</i>					76.8	50 - 150			
<i>Surrogate: DCB</i>					83.1	50 - 150			
Matrix Spike (B4L0130-MS1)		Source: 4110656-06			Prepared: 12/1/2014 Analyzed: 12/3/2014				
PCB-1016	0.769	0.25	1.260	ND	61.1	50 - 150			
PCB-1260	0.880	0.25	1.260	ND	69.9	50 - 150			
<i>Surrogate: TCMX</i>					62.8	50 - 150			
<i>Surrogate: DCB</i>					64.4	50 - 150			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0203 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0203-BLK1)					Prepared: 12/1/2014 Analyzed: 12/1/2014				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B4L0203-BLK1) - Continued

Prepared: 12/1/2014 Analyzed: 12/1/2014

2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							

Surrogate: 1,2-Dichloroethane-d4

104 70 - 130

Surrogate: Toluene-d8

99.4 70 - 130

Surrogate: 4-Bromofluorobenzene

108 70 - 130

LCS (B4L0203-BS1)

Prepared: 12/1/2014 Analyzed: 12/1/2014

Dichlorodifluoromethane	70.8	7.5	50.000		142	70 - 130			H
Chloromethane	66.6	5.0	50.000		133	70 - 130			H
Vinyl Chloride	69.9	2.5	50.000		140	70 - 130			H
Bromomethane	61.7	5.0	50.000		123	70 - 130			
Chloroethane	62.9	5.0	50.000		126	70 - 130			
Trichlorofluoromethane	62.1	20	50.000		124	70 - 130			
Acetone	103	75	100.000		103	70 - 130			
Acrylonitrile	54.1	4.0	50.000		108	70 - 130			
Trichlorotrifluoroethane	53.6	20	50.000		107	70 - 130			
1,1-Dichloroethene	54.8	2.5	50.000		110	70 - 130			
Methylene Chloride	51.5	25	50.000		103	70 - 130			
Carbon Disulfide	56.5	5.0	50.000		113	70 - 130			
Methyl-t-Butyl Ether (MTBE)	56.4	2.5	50.000		113	70 - 130			
trans-1,2-Dichloroethene	54.6	2.5	50.000		109	70 - 130			
1,1-Dichloroethane	57.3	2.5	50.000		115	70 - 130			
2-Butanone (MEK)	107	13	100.000		107	70 - 130			
2,2-Dichloropropane	57.2	2.5	50.000		114	70 - 130			
cis-1,2-Dichloroethene	57.0	2.5	50.000		114	70 - 130			
Chloroform	57.7	2.5	50.000		115	70 - 130			
Tetrahydrofuran	54.6	13	50.000		109	70 - 130			
1,1,1-Trichloroethane	58.0	2.5	50.000		116	70 - 130			
Carbon Tetrachloride	57.1	2.5	50.000		114	70 - 130			
1,1-Dichloropropene	56.2	2.5	50.000		112	70 - 130			
Benzene	57.5	2.5	50.000		115	70 - 130			
1,2-Dichloroethane	57.9	2.5	50.000		116	70 - 130			
Trichloroethene	56.8	2.5	50.000		114	70 - 130			
1,2-Dichloropropane	58.8	2.5	50.000		118	70 - 130			
Dibromomethane	57.6	2.5	50.000		115	70 - 130			
Bromodichloromethane	58.2	2.5	50.000		116	70 - 130			
Methyl Isobutyl Ketone	118	13	100.000		118	70 - 130			
cis-1,3-Dichloropropene	58.5	2.5	50.000		117	70 - 130			
Toluene	57.7	2.5	50.000		115	70 - 130			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L0203-BS1) - Continued					Prepared: 12/1/2014 Analyzed: 12/1/2014				
trans-1,3-Dichloropropene	58.6	2.5	50.000		117	70 - 130			
2-Hexanone	119	13	100.000		119	70 - 130			
1,1,2-Trichloroethane	56.8	2.5	50.000		114	70 - 130			
Tetrachloroethene	56.9	2.5	50.000		114	70 - 130			
1,3-Dichloropropane	57.4	2.5	50.000		115	70 - 130			
Dibromochloromethane	56.4	2.5	50.000		113	70 - 130			
1,2-Dibromoethane	54.0	2.5	50.000		108	70 - 130			
trans-1,4-Dichloro-2-Butene	59.2	13	50.000		118	70 - 130			
Chlorobenzene	54.1	2.5	50.000		108	70 - 130			
1,1,1,2-Tetrachloroethane	54.9	2.5	50.000		110	70 - 130			
Ethylbenzene	53.9	2.5	50.000		108	70 - 130			
m+p Xylenes	111	2.5	100.000		111	70 - 130			
o-Xylene	53.5	2.5	50.000		107	70 - 130			
Styrene	54.9	2.5	50.000		110	70 - 130			
Bromoform	55.9	2.5	50.000		112	70 - 130			
Isopropylbenzene	53.8	2.5	50.000		108	70 - 130			
1,1,2,2-Tetrachloroethane	54.0	2.5	50.000		108	70 - 130			
Bromobenzene	55.6	2.5	50.000		111	70 - 130			
1,2,3-Trichloropropane	52.7	2.5	50.000		105	70 - 130			
n-Propylbenzene	55.2	2.5	50.000		110	70 - 130			
2-Chlorotoluene	47.3	2.5	50.000		94.5	70 - 130			
4-Chlorotoluene	45.3	2.5	50.000		90.5	70 - 130			
1,3,5-Trimethylbenzene	54.5	2.5	50.000		109	70 - 130			
tert-Butylbenzene	55.9	2.5	50.000		112	70 - 130			
1,2,4-Trimethylbenzene	55.3	2.5	50.000		111	70 - 130			
sec-Butylbenzene	53.5	2.5	50.000		107	70 - 130			
1,3-Dichlorobenzene	54.3	2.5	50.000		109	70 - 130			
4-Isopropyltoluene	53.6	2.5	50.000		107	70 - 130			
1,4-Dichlorobenzene	55.2	2.5	50.000		110	70 - 130			
1,2-Dichlorobenzene	54.9	2.5	50.000		110	70 - 130			
n-Butylbenzene	54.1	2.5	50.000		108	70 - 130			
1,2-Dibromo-3-Chloropropane	54.4	2.5	50.000		109	70 - 130			
1,2,4-Trichlorobenzene	55.1	2.5	50.000		110	70 - 130			
Hexachlorobutadiene	53.4	2.5	50.000		107	70 - 130			
Naphthalene	56.9	2.5	50.000		114	70 - 130			
1,2,3-Trichlorobenzene	54.3	2.5	50.000		109	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>99.9</i>	<i>70 - 130</i>			
<i>Surrogate: Toluene-d8</i>					<i>101</i>	<i>70 - 130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>98.5</i>	<i>70 - 130</i>			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0209 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0209-BLK1)									Prepared: 12/2/2014 Analyzed: 12/3/2014
ETPH	ND	50							
<i>Surrogate: Octacosane</i>					104	50 - 150			
LCS (B4L0209-BS1)									Prepared: 12/2/2014 Analyzed: 12/3/2014
ETPH	1780	50	1,500.000		119	60 - 120			
<i>Surrogate: Octacosane</i>					114	50 - 150			
Duplicate (B4L0209-DUP1)				Source: 4110656-10					Prepared: 12/2/2014 Analyzed: 12/3/2014
ETPH	ND	60		ND				30	
<i>Surrogate: Octacosane</i>					109	50 - 150			
Matrix Spike (B4L0209-MS1)				Source: 4110656-10					Prepared: 12/2/2014 Analyzed: 12/3/2014
ETPH	1900	60	1,809.322	ND	105	50 - 150			
<i>Surrogate: Octacosane</i>					116	50 - 150			
Matrix Spike Dup (B4L0209-MSD1)				Source: 4110656-10					Prepared: 12/2/2014 Analyzed: 12/3/2014
ETPH	1860	60	1,809.322	ND	103	50 - 150	1.77	30	
<i>Surrogate: Octacosane</i>					104	50 - 150			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0219 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0219-BLK1)					Prepared: 12/2/2014 Analyzed: 12/3/2014				
Phenol	ND	300							
1,3-Dichlorobenzene	ND	300							
n-Nitroso-di-n-propylamine	ND	300							
Pyridine	ND	300							
n-Nitroso-dimethylamine	ND	300							
bis(2-Chloroethyl)ether	ND	300							
Aniline	ND	300							
2-Chlorophenol	ND	300							
1,4-Dichlorobenzene	ND	300							
Benzyl Alcohol	ND	300							
1,2-Dichlorobenzene	ND	300							
bis(2-Chloroisopropyl)ether	ND	300							
Hexachloroethane	ND	300							
2-Methyl Phenol	ND	300							
3+4 Methyl Phenol	ND	300							
Naphthalene	ND	300							
2-Nitrophenol	ND	300							
2,4-Dichlorophenol	ND	300							
Hexachlorobutadiene	ND	300							
4-Chloro-3-methylphenol	ND	300							
Nitrobenzene	ND	300							
Isophorone	ND	300							
2,4-Dimethylphenol	ND	300							
bis(2-Chloroethoxy)methane	ND	300							
Benzoic Acid	ND	300							
1,2,4-Trichlorobenzene	ND	300							
2,6-Dichlorophenol	ND	300							
4-Chloroaniline	ND	300							
1,2,4,5-Tetrachlorobenzene	ND	300							
2-Methyl Naphthalene	ND	300							
Acenaphthylene	ND	300							
Acenaphthene	ND	300							
Dibenzofuran	ND	300							
Fluorene	ND	300							
Hexachlorocyclopentadiene	ND	300							
2,4,6-Trichlorophenol	ND	300							
2,4,5-Trichlorophenol	ND	300							
2,4-Dinitrophenol	ND	300							
4-Nitrophenol	ND	300							
2-Chloronaphthalene	ND	300							
2-Nitroaniline	ND	300							
Dimethylphthalate	ND	300							
2,6-Dinitrotoluene	ND	300							
4-Nitroaniline	ND	300							
2,4-Dinitrotoluene	ND	300							
2,3,4,6-Tetrachlorophenol	ND	300							
4-Chlorophenyl-phenylether	ND	300							
Diethylphthalate	ND	300							
Phenanthrene	ND	300							
Anthracene	ND	300							
Carbazole	ND	300							
Fluoranthene	ND	300							

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B4L0219-BLK1) - Continued

Prepared: 12/2/2014 Analyzed: 12/3/2014

Pyrene	ND	300							
n-Nitrosodiphenylamine	ND	300							
Pentachlorophenol	ND	300							
3-Nitroaniline	ND	300							
4,6-Dinitro-2-methylphenol	ND	300							
1,2-Diphenylhydrazine	ND	300							
4-Bromophenyl-phenylether	ND	300							
Hexachlorobenzene	ND	300							
Di-n-butylphthalate	ND	300							
Pentachloronitrobenzene	ND	300							
Benzo[a]anthracene	ND	300							
Chrysene	ND	300							
Butylbenzylphthalate	ND	300							
3,3-Dichlorobenzidine	ND	300							
bis(2-Ethylhexyl)phthalate	ND	300							
Di-n-octylphthalate	ND	300							
Benzo[b]fluoranthene	ND	300							
Benzo[k]fluoranthene	ND	300							
Benzo[a]pyrene	ND	300							
Indeno[1,2,3-cd]pyrene	ND	300							
Dibenz[a,h]anthracene	ND	300							
Benzo[g,h,i]perylene	ND	300							

Surrogate: 2-Fluorophenol

79.0 30 - 130

Surrogate: Phenol-d6

75.8 30 - 130

Surrogate: Nitrobenzene-d5

79.7 30 - 130

Surrogate: 2-Fluorobiphenyl

75.3 30 - 130

Surrogate: 2,4,6-Tribromophenol

61.0 30 - 130

Surrogate: Terphenyl-d14

78.2 30 - 130

LCS (B4L0219-BS1)

Prepared: 12/2/2014 Analyzed: 12/3/2014

Phenol	3480	300	4,000.000		87.0	30 - 130			
1,3-Dichlorobenzene	3120	300	4,000.000		77.9	40 - 140			
n-Nitroso-di-n-propylamine	4520	300	4,000.000		113	40 - 140			
Pyridine	2620	300	4,000.000		65.5	40 - 140			
n-Nitroso-dimethylamine	3650	300	4,000.000		91.3	40 - 140			
bis(2-Chloroethyl)ether	2990	300	4,000.000		74.7	40 - 140			
Aniline	3140	300	4,000.000		78.5	40 - 140			
2-Chlorophenol	3410	300	4,000.000		85.3	30 - 130			
1,4-Dichlorobenzene	3150	300	4,000.000		78.8	40 - 140			
Benzyl Alcohol	978	300	4,000.000		24.5	30 - 130			L
1,2-Dichlorobenzene	3330	300	4,000.000		83.2	40 - 140			
bis(2-Chloroisopropyl)ether	4450	300	4,000.000		111	40 - 140			
Hexachloroethane	3310	300	4,000.000		82.8	40 - 140			
2-Methyl Phenol	3460	300	4,000.000		86.6	30 - 130			
3+4 Methyl Phenol	3730	300	4,000.000		93.2	30 - 130			
Naphthalene	3430	300	4,000.000		85.7	40 - 140			
2-Nitrophenol	3560	300	4,000.000		89.1	30 - 130			
2,4-Dichlorophenol	3450	300	4,000.000		86.2	30 - 130			
Hexachlorobutadiene	3040	300	4,000.000		76.0	40 - 140			
4-Chloro-3-methylphenol	3300	300	4,000.000		82.5	30 - 130			
Nitrobenzene	3830	300	4,000.000		95.7	40 - 140			
Isophorone	3820	300	4,000.000		95.5	40 - 140			
2,4-Dimethylphenol	3200	300	4,000.000		79.9	30 - 130			

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CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L0219-BS1) - Continued					Prepared: 12/2/2014 Analyzed: 12/3/2014				
bis(2-Chloroethoxy)methane	4190	300	4,000.000		105	40 - 140			
Benzoic Acid	2310	300	4,000.000		57.7	30 - 130			
1,2,4-Trichlorobenzene	3250	300	4,000.000		81.3	40 - 140			
2,6-Dichlorophenol	3130	300	4,000.000		78.1	30 - 130			
4-Chloroaniline	3410	300	4,000.000		85.3	40 - 140			
1,2,4,5-Tetrachlorobenzene	3280	300	4,000.000		82.0	40 - 140			
2-Methyl Naphthalene	3380	300	4,000.000		84.5	40 - 140			
Acenaphthylene	3390	300	4,000.000		84.7	40 - 140			
Acenaphthene	3500	300	4,000.000		87.5	40 - 140			
Dibenzofuran	3530	300	4,000.000		88.3	40 - 140			
Fluorene	3680	300	4,000.000		92.1	40 - 140			
Hexachlorocyclopentadiene	3040	300	4,000.000		76.1	40 - 140			
2,4,6-Trichlorophenol	1840	300	4,000.000		45.9	30 - 130			
2,4,5-Trichlorophenol	4460	300	4,000.000		112	30 - 130			
2,4-Dinitrophenol	2880	300	4,000.000		72.0	30 - 130			
4-Nitrophenol	3170	300	4,000.000		79.4	30 - 130			
2-Chloronaphthalene	3700	300	4,000.000		92.6	40 - 140			
2-Nitroaniline	3780	300	4,000.000		94.4	40 - 140			
Dimethylphthalate	3480	300	4,000.000		87.1	40 - 140			
2,6-Dinitrotoluene	3620	300	4,000.000		90.5	40 - 140			
4-Nitroaniline	4010	300	4,000.000		100	40 - 140			
2,4-Dinitrotoluene	3540	300	4,000.000		88.5	40 - 140			
2,3,4,6-Tetrachlorophenol	2970	300	4,000.000		74.3	30 - 130			
4-Chlorophenyl-phenylether	3290	300	4,000.000		82.2	40 - 140			
Diethylphthalate	3590	300	4,000.000		89.9	40 - 140			
Phenanthrene	3810	300	4,000.000		95.3	40 - 140			
Anthracene	3600	300	4,000.000		89.9	40 - 140			
Carbazole	6670	300	4,000.000		167	40 - 140			H
Fluoranthene	3560	300	4,000.000		89.0	40 - 140			
Pyrene	3630	300	4,000.000		90.8	40 - 140			
n-Nitrosodiphenylamine	4810	300	4,000.000		120	40 - 140			
Pentachlorophenol	3490	300	4,000.000		87.2	30 - 130			
3-Nitroaniline	4210	300	4,000.000		105	40 - 140			
4,6-Dinitro-2-methylphenol	2890	300	4,000.000		72.2	30 - 130			
1,2-Diphenylhydrazine	4250	300	4,000.000		106	40 - 140			
4-Bromophenyl-phenylether	3500	300	4,000.000		87.5	40 - 140			
Hexachlorobenzene	3600	300	4,000.000		90.0	40 - 140			
Di-n-butylphthalate	3740	300	4,000.000		93.4	40 - 140			
Pentachloronitrobenzene	3020	300	4,000.000		75.5	40 - 140			
Benzo[a]anthracene	3640	300	4,000.000		91.0	40 - 140			
Chrysene	3610	300	4,000.000		90.3	40 - 140			
Butylbenzylphthalate	3660	300	4,000.000		91.6	40 - 140			
3,3-Dichlorobenzidine	3680	300	4,000.000		92.0	40 - 140			
bis(2-Ethylhexyl)phthalate	3700	300	4,000.000		92.6	40 - 140			
Di-n-octylphthalate	3630	300	4,000.000		90.8	40 - 140			
Benzo[b]fluoranthene	3910	300	4,000.000		97.9	40 - 140			
Benzo[k]fluoranthene	3730	300	4,000.000		93.4	40 - 140			
Benzo[a]pyrene	4050	300	4,000.000		101	40 - 140			
Indeno[1,2,3-cd]pyrene	4050	300	4,000.000		101	40 - 140			
Dibenz[a,h]anthracene	4060	300	4,000.000		102	40 - 140			
Benzo[g,h,i]perylene	4260	300	4,000.000		107	40 - 140			
Surrogate: 2-Fluorophenol					81.9	30 - 130			
Surrogate: Phenol-d6					84.9	30 - 130			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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LCS (B4L0219-BS1) - Continued

Prepared: 12/2/2014 Analyzed: 12/3/2014

Surrogate: Nitrobenzene-d5

83.1 30 - 130

Surrogate: 2-Fluorobiphenyl

79.5 30 - 130

Surrogate: 2,4,6-Tribromophenol

74.3 30 - 130

Surrogate: Terphenyl-d14

81.1 30 - 130

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0330 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0330-BLK1)									Prepared: 12/3/2014 Analyzed: 12/3/2014
Mercury	ND	0.20							
LCS (B4L0330-BS1)									Prepared: 12/3/2014 Analyzed: 12/3/2014
Mercury	2.24	0.20	2.500		89.5	80 - 120			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0405 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B4L0405-BLK1)

Prepared: 12/4/2014 Analyzed: 12/4/2014

Lead	ND	2.0							
Selenium	ND	1.0							
Cadmium	ND	0.50							
Chromium	ND	2.0							
Arsenic	ND	1.0							
Barium	ND	2.0							
Silver	ND	2.0							
Copper	ND	2.0							
Nickel	ND	2.0							
Zinc	ND	2.0							
Beryllium	ND	1.0							
Antimony	ND	2.0							
Thallium	ND	2.0							
Vanadium	ND	2.0							

LCS (B4L0405-BS1)

Prepared: 12/4/2014 Analyzed: 12/4/2014

Lead	24.3	2.0	25.000	97.2	80 - 120
Selenium	47.2	1.0	50.000	94.4	80 - 120
Cadmium	23.3	0.50	25.000	93.2	80 - 120
Chromium	24.4	2.0	25.000	97.4	80 - 120
Arsenic	23.2	1.0	25.000	93.0	80 - 120
Barium	23.8	2.0	25.000	95.2	80 - 120
Silver	5.15	2.0	5.000	103	80 - 120
Copper	24.1	2.0	25.000	96.3	80 - 120
Nickel	23.9	2.0	25.000	95.7	80 - 120
Zinc	25.6	2.0	25.000	102	80 - 120
Beryllium	26.4	1.0	25.000	106	80 - 120
Antimony	5.22	2.0	5.000	104	80 - 120
Thallium	24.0	2.0	25.000	96.0	80 - 120
Vanadium	23.7	2.0	25.000	94.6	80 - 120

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0807 - EPA 9012B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0807-BLK1)									Prepared: 12/8/2014 Analyzed: 12/8/2014
Cyanide,Total	ND	1.0							
LCS (B4L0807-BS1)									Prepared: 12/8/2014 Analyzed: 12/8/2014
Cyanide,Total	3.36	1.0	4.000		84.0	80 - 120			
Duplicate (B4L0807-DUP1)									Prepared: 12/8/2014 Analyzed: 12/8/2014
Cyanide,Total	ND	1.3		ND				20	
Matrix Spike (B4L0807-MS1)									Prepared: 12/8/2014 Analyzed: 12/8/2014
Cyanide,Total	4.03	1.3	5.038	ND	80.0	80 - 120			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch S4L0203 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Calibration Check (S4L0203-CCV1)					Prepared: 12/1/2014 Analyzed: 12/1/2014				
Dichlorodifluoromethane	67.2		50.000		134	80 - 120			H
Chloromethane	62.4		50.000		125	80 - 120			H
Vinyl Chloride	66.2		50.000		132	80 - 120			H
Bromomethane	58.2		50.000		116	80 - 120			
Chloroethane	60.0		50.000		120	80 - 120			
Trichlorofluoromethane	58.9		50.000		118	80 - 120			
Acetone	97.1		100.000		97.1	80 - 120			
Acrylonitrile	46.8		50.000		93.5	80 - 120			
Trichlorotrifluoroethane	55.4		50.000		111	80 - 120			
1,1-Dichloroethene	52.0		50.000		104	80 - 120			
Methylene Chloride	49.3		50.000		98.7	80 - 120			
Carbon Disulfide	57.4		50.000		115	80 - 120			
Methyl-t-Butyl Ether (MTBE)	52.0		50.000		104	80 - 120			
trans-1,2-Dichloroethene	53.7		50.000		107	80 - 120			
1,1-Dichloroethane	52.3		50.000		105	80 - 120			
2-Butanone (MEK)	101		100.000		101	80 - 120			
2,2-Dichloropropane	51.7		50.000		103	80 - 120			
cis-1,2-Dichloroethene	52.6		50.000		105	80 - 120			
Chloroform	52.3		50.000		105	80 - 120			
Tetrahydrofuran	49.2		50.000		98.4	80 - 120			
1,1,1-Trichloroethane	52.3		50.000		105	80 - 120			
Carbon Tetrachloride	52.7		50.000		105	80 - 120			
1,1-Dichloropropene	52.5		50.000		105	80 - 120			
Benzene	52.8		50.000		106	80 - 120			
1,2-Dichloroethane	52.0		50.000		104	80 - 120			
Trichloroethene	50.9		50.000		102	80 - 120			
1,2-Dichloropropane	52.7		50.000		105	80 - 120			
Dibromomethane	53.1		50.000		106	80 - 120			
Bromodichloromethane	52.2		50.000		104	80 - 120			
Methyl Isobutyl Ketone	101		100.000		101	80 - 120			
cis-1,3-Dichloropropene	53.2		50.000		106	80 - 120			
Toluene	52.9		50.000		106	80 - 120			
trans-1,3-Dichloropropene	54.3		50.000		109	80 - 120			
2-Hexanone	113		100.000		113	80 - 120			
1,1,2-Trichloroethane	52.1		50.000		104	80 - 120			
Tetrachloroethene	53.5		50.000		107	80 - 120			
1,3-Dichloropropane	52.4		50.000		105	80 - 120			
Dibromochloromethane	51.8		50.000		104	80 - 120			
1,2-Dibromoethane	51.5		50.000		103	80 - 120			
trans-1,4-Dichloro-2-Butene	52.7		50.000		105	80 - 120			
Chlorobenzene	50.1		50.000		100	80 - 120			
1,1,1,2-Tetrachloroethane	50.6		50.000		101	80 - 120			
Ethylbenzene	53.2		50.000		106	80 - 120			
m+p Xylenes	105		100.000		105	80 - 120			
o-Xylene	51.5		50.000		103	80 - 120			
Styrene	50.6		50.000		101	80 - 120			
Bromoform	53.6		50.000		107	80 - 120			
Isopropylbenzene	51.1		50.000		102	80 - 120			
1,1,2,2-Tetrachloroethane	52.4		50.000		105	80 - 120			
Bromobenzene	54.1		50.000		108	80 - 120			
1,2,3-Trichloropropane	49.3		50.000		98.5	80 - 120			
n-Propylbenzene	54.1		50.000		108	80 - 120			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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Calibration Check (S4L0203-CCV1) - Continued

Prepared: 12/1/2014 Analyzed: 12/1/2014

2-Chlorotoluene	46.2		50.000		92.5	80 - 120			
4-Chlorotoluene	42.4		50.000		84.7	80 - 120			
1,3,5-Trimethylbenzene	53.3		50.000		107	80 - 120			
tert-Butylbenzene	54.1		50.000		108	80 - 120			
1,2,4-Trimethylbenzene	55.0		50.000		110	80 - 120			
sec-Butylbenzene	52.6		50.000		105	80 - 120			
1,3-Dichlorobenzene	53.3		50.000		107	80 - 120			
4-Isopropyltoluene	53.0		50.000		106	80 - 120			
1,4-Dichlorobenzene	53.8		50.000		108	80 - 120			
1,2-Dichlorobenzene	53.2		50.000		106	80 - 120			
n-Butylbenzene	54.5		50.000		109	80 - 120			
1,2-Dibromo-3-Chloropropane	54.5		50.000		109	80 - 120			
1,2,4-Trichlorobenzene	55.7		50.000		111	80 - 120			
Hexachlorobutadiene	50.2		50.000		100	80 - 120			
Naphthalene	58.0		50.000		116	80 - 120			
1,2,3-Trichlorobenzene	55.7		50.000		111	80 - 120			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch S4L0307 - EPA 8082A

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Calibration Check (S4L0307-CCV1)					Prepared: 12/3/2014 Analyzed: 12/2/2014				
PCB-1016	988		1,000.000		98.8	80 - 120			
PCB-1260	936		1,000.000		93.6	80 - 120			
<i>Surrogate: TCMX</i>					<i>100</i>	<i>50 - 150</i>			
<i>Surrogate: DCB</i>					<i>82.0</i>	<i>50 - 150</i>			

CET #:4110656

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch S4L0313 - EPA 8082A

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Calibration Check (S4L0313-CCV1)					Prepared: 12/3/2014 Analyzed: 12/3/2014				
PCB-1016	1040		1,000.000		104	80 - 120			
PCB-1260	1060		1,000.000		106	80 - 120			
<i>Surrogate: TCMX</i>					<i>109</i>	<i>50 - 150</i>			
<i>Surrogate: DCB</i>					<i>101</i>	<i>50 - 150</i>			

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Tighe & Bond

Project Location: Harbor Drive, Middletown

Project Number: M-1185

Laboratory Sample ID(s):

4110656-01 thru 4110656-10

Sample Date(s):

11/25/2014,
11/26/2014

List RCP Methods Used:

CT-ETPH, EPA 6010C, EPA 7471B, EPA 8082A, EPA 8260C, EPA 8270D, EPA 9012B

CET #: 4110656

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

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

This form may not be altered and all questions must be answered.

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

Authorized Signature:

Position: Laboratory Director

Printed Name: David Ditta

Date: 12/08/2014

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery	Batch/Sequence
					(%)	Sample ID
Chloromethane	LCS	High			133	B4L0203
Dichlorodifluoromethane	LCS	High			142	B4L0203
Vinyl Chloride	LCS	High			140	B4L0203
Benzyl Alcohol	LCS	Low			24.5	B4L0219
Carbazole	LCS	High			167	B4L0219
Chloromethane	CC	High	62.4		125	S4L0203
Dichlorodifluoromethane	CC	High	67.2		134	S4L0203
Vinyl Chloride	CC	High	66.2		132	S4L0203

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B4L0209		4110656-01	B-15 (5-10) Top 12in	CT-ETPH	Soil	11/26/2014
B4L0209		4110656-02	B-15 (5-10) Top 12in Dup	CT-ETPH	Soil	11/26/2014
B4L0209		4110656-03	B-16 (5-10)	CT-ETPH	Soil	11/26/2014
B4L0209		4110656-04	B-17 (5-10)	CT-ETPH	Soil	11/25/2014
B4L0209		4110656-05	B-18 (5-10)	CT-ETPH	Soil	11/25/2014
B4L0209		4110656-06	B-19 (10-15)	CT-ETPH	Soil	11/25/2014
B4L0209		4110656-07	B-20 (0-5)	CT-ETPH	Soil	11/25/2014
B4L0209		4110656-08	B-21 (5-10)	CT-ETPH	Soil	11/25/2014
B4L0209		4110656-09	B-22 (5-10)	CT-ETPH	Soil	11/25/2014
B4L0209		4110656-10	B-23 (10-15)	CT-ETPH	Soil	11/25/2014
B4L0405	S4L0407	4110656-03	B-16 (5-10)	EPA 6010C	Soil	11/26/2014
B4L0405	S4L0407	4110656-06	B-19 (10-15)	EPA 6010C	Soil	11/25/2014
B4L0405	S4L0407	4110656-08	B-21 (5-10)	EPA 6010C	Soil	11/25/2014
B4L0330		4110656-03	B-16 (5-10)	EPA 7471B	Soil	11/26/2014
B4L0330		4110656-06	B-19 (10-15)	EPA 7471B	Soil	11/25/2014
B4L0330		4110656-08	B-21 (5-10)	EPA 7471B	Soil	11/25/2014
B4L0130	S4L0313	4110656-01	B-15 (5-10) Top 12in	EPA 8082A	Soil	11/26/2014
B4L0130	S4L0313	4110656-02	B-15 (5-10) Top 12in Dup	EPA 8082A	Soil	11/26/2014
B4L0130	S4L0307	4110656-03	B-16 (5-10)	EPA 8082A	Soil	11/26/2014
B4L0130	S4L0313	4110656-06	B-19 (10-15)	EPA 8082A	Soil	11/25/2014
B4L0203	S4L0203	4110656-01	B-15 (5-10) Top 12in	EPA 8260C	Soil	11/26/2014
B4L0203	S4L0203	4110656-02	B-15 (5-10) Top 12in Dup	EPA 8260C	Soil	11/26/2014
B4L0203	S4L0203	4110656-06	B-19 (10-15)	EPA 8260C	Soil	11/25/2014
B4L0203	S4L0203	4110656-08	B-21 (5-10)	EPA 8260C	Soil	11/25/2014
B4L0219	S4L0805	4110656-01	B-15 (5-10) Top 12in	EPA 8270D	Soil	11/26/2014
B4L0219	S4L0805	4110656-02	B-15 (5-10) Top 12in Dup	EPA 8270D	Soil	11/26/2014
B4L0219	S4L0402	4110656-03	B-16 (5-10)	EPA 8270D	Soil	11/26/2014
B4L0219	S4L0402	4110656-06	B-19 (10-15)	EPA 8270D	Soil	11/25/2014
B4L0219	S4L0402	4110656-09	B-22 (5-10)	EPA 8270D	Soil	11/25/2014
B4L0807		4110656-06	B-19 (10-15)	EPA 9012B	Soil	11/25/2014
B4L0807		4110656-08	B-21 (5-10)	EPA 9012B	Soil	11/25/2014

80 Lupes Drive
Stratford, CT 06615



Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Amy Vaillancourt
Tighe & Bond
213 Court St Suite 900
Middletown, CT 06457

Analytical Report

CET# 4120041

Report Date: December 09, 2014
Project: Harbor Drive, Middletown
Project Number: M-1185
PO Number: 22-1185-11

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate.: M-CT903



New York Certification: 11982
Rhode Island Certification: 199

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

SAMPLE SUMMARY

The sample(s) were received at 3.7°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
B-1 (5-10) Bottom 6in	4120041-01	Soil	12/01/2014 9:54	12/02/2014
B-1 (15-20)	4120041-02	Soil	12/01/2014 9:59	12/02/2014
B-3 (5-10) Top 27in	4120041-03	Soil	12/01/2014 10:37	12/02/2014
B-4 (5-10) Top 24in	4120041-04	Soil	12/01/2014 11:20	12/02/2014
B-6 (5-10) Bottom 21in	4120041-05	Soil	12/01/2014 12:25	12/02/2014
B-7 (0-5)	4120041-06	Soil	12/01/2014 14:59	12/02/2014
B-9 (0-5) Bottom 8in	4120041-07	Soil	12/01/2014 12:59	12/02/2014
B-10 (5-6)	4120041-08	Soil	12/01/2014 15:30	12/02/2014
B-12 (5-10) Top 10in	4120041-09	Soil	12/01/2014 14:15	12/02/2014
B-12 (10-15) Top 14in	4120041-10	Soil	12/01/2014 14:30	12/02/2014
B-15C (10-15) Bottom 12in	4120041-11	Soil	12/01/2014 16:00	12/02/2014

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte: Total Solids [EPA 160.3 modified]

Analyst: MH

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4120041-01	B-1 (5-10) Bottom 6in	88	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-02	B-1 (15-20)	77	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-03	B-3 (5-10) Top 27in	88	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-04	B-4 (5-10) Top 24in	88	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-05	B-6 (5-10) Bottom 21in	85	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-06	B-7 (0-5)	86	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-07	B-9 (0-5) Bottom 8in	84	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-08	B-10 (5-6)	85	1.0	%	1	B4L0340	12/03/2014	12/04/2014 00:00	
4120041-09	B-12 (5-10) Top 10in	79	1.0	%	1	B4L0406	12/04/2014	12/04/2014 10:53	
4120041-10	B-12 (10-15) Top 14in	82	1.0	%	1	B4L0406	12/04/2014	12/04/2014 10:53	
4120041-11	B-15C (10-15) Bottom 12in	78	1.0	%	1	B4L0408	12/04/2014	12/04/2014 11:27	

Analyte: Cyanide,Total [EPA 9012B]

Analyst: CC

Prep: EPA 9013

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4120041-02	B-1 (15-20)	ND	1.3	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4120041-04	B-4 (5-10) Top 24in	ND	1.1	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4120041-05	B-6 (5-10) Bottom 21in	ND	1.2	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4120041-06	B-7 (0-5)	ND	1.2	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4120041-08	B-10 (5-6)	ND	1.2	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4120041-09	B-12 (5-10) Top 10in	ND	1.3	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4120041-10	B-12 (10-15) Top 14in	ND	1.2	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	
4120041-11	B-15C (10-15) Bottom 12in	ND	1.3	mg/kg dry	1	B4L0807	12/08/2014	12/08/2014 16:15	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte: Mercury [EPA 7471B]

Analyst: MS

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4120041-03	B-3 (5-10) Top 27in	ND	0.23	mg/kg dry	1	B4L0507	12/05/2014	12/05/2014 11:49	
4120041-04	B-4 (5-10) Top 24in	ND	0.23	mg/kg dry	1	B4L0507	12/05/2014	12/05/2014 11:52	
4120041-06	B-7 (0-5)	0.69	0.23	mg/kg dry	1	B4L0507	12/05/2014	12/05/2014 11:55	
4120041-07	B-9 (0-5) Bottom 8in	4.5	0.24	mg/kg dry	1	B4L0507	12/05/2014	12/05/2014 11:58	
4120041-08	B-10 (5-6)	0.49	0.24	mg/kg dry	1	B4L0507	12/05/2014	12/05/2014 12:01	
4120041-09	B-12 (5-10) Top 10in	2.5	0.25	mg/kg dry	1	B4L0507	12/05/2014	12/05/2014 12:03	
4120041-11	B-15C (10-15) Bottom 12in	ND	0.25	mg/kg dry	1	B4L0507	12/05/2014	12/05/2014 12:04	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-1 (5-10) Bottom 6in

Lab ID: 4120041-01

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	57	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 13:32	
<i>Surrogate: Octacosane</i>	<i>127 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 13:32</i>	

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
1,3-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
n-Nitroso-di-n-propylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Pyridine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
n-Nitroso-dimethylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
bis(2-Chloroethyl)ether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Aniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2-Chlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
1,4-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Benzyl Alcohol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
1,2-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
bis(2-Chloroisopropyl)ether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Hexachloroethane	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2-Methyl Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
3+4 Methyl Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Naphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2-Nitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,4-Dichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Hexachlorobutadiene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
4-Chloro-3-methylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Nitrobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Isophorone	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,4-Dimethylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
bis(2-Chloroethoxy)methane	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Benzoic Acid	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
1,2,4-Trichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,6-Dichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-1 (5-10) Bottom 6in

Lab ID: 4120041-01

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
4-Chloroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
1,2,4,5-Tetrachlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2-Methyl Naphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Acenaphthylene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Acenaphthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Dibenzofuran	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Fluorene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Hexachlorocyclopentadiene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,4,6-Trichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,4,5-Trichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,4-Dinitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
4-Nitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2-Chloronaphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Dimethylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,6-Dinitrotoluene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
4-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,4-Dinitrotoluene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
2,3,4,6-Tetrachlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
4-Chlorophenyl-phenylether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Diethylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Phenanthrene	520	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Carbazole	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Fluoranthene	380	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
n-Nitrosodiphenylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Pentachlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
3-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
4,6-Dinitro-2-methylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
1,2-Diphenylhydrazine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
4-Bromophenyl-phenylether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Hexachlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Di-n-butylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Pentachloronitrobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Benzo[a]anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Chrysene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Butylbenzylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
3,3-Dichlorobenzidine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-1 (5-10) Bottom 6in

Lab ID: 4120041-01

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Ethylhexyl)phthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Di-n-octylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Benzo[b]fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Benzo[k]fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Benzo[a]pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Indeno[1,2,3-cd]pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Dibenz[a,h]anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	
Benzo[g,h,i]perylene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 02:41	

<i>Surrogate: 2-Fluorophenol</i>	63.6 %	30 - 130			B4L0429	12/04/2014	12/06/2014 02:41	
<i>Surrogate: Phenol-d6</i>	74.8 %	30 - 130			B4L0429	12/04/2014	12/06/2014 02:41	
<i>Surrogate: Nitrobenzene-d5</i>	75.7 %	30 - 130			B4L0429	12/04/2014	12/06/2014 02:41	
<i>Surrogate: 2-Fluorobiphenyl</i>	68.5 %	30 - 130			B4L0429	12/04/2014	12/06/2014 02:41	
<i>Surrogate: 2,4,6-Tribromophenol</i>	66.5 %	30 - 130			B4L0429	12/04/2014	12/06/2014 02:41	
<i>Surrogate: Terphenyl-d14</i>	78.5 %	30 - 130			B4L0429	12/04/2014	12/06/2014 02:41	

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	18	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Chloromethane	ND	12	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Vinyl Chloride	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	*C2
Bromomethane	ND	12	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	*C2
Chloroethane	ND	12	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	*C2
Trichlorofluoromethane	ND	48	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Acetone	ND	180	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	*F1*C1
Acrylonitrile	ND	9.5	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Trichlorotrifluoroethane	ND	48	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,1-Dichloroethene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Methylene Chloride	ND	60	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	*F2*C2
Carbon Disulfide	ND	12	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Methyl-t-Butyl Ether (MTBE)	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
trans-1,2-Dichloroethene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,1-Dichloroethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-1 (5-10) Bottom 6in

Lab ID: 4120041-01

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2-Butanone (MEK)	ND	30	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
2,2-Dichloropropane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
cis-1,2-Dichloroethene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Chloroform	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Tetrahydrofuran	ND	30	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,1,1-Trichloroethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Carbon Tetrachloride	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,1-Dichloropropene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Benzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2-Dichloroethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Trichloroethene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2-Dichloropropane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Dibromomethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Bromodichloromethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Methyl Isobutyl Ketone	ND	30	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
cis-1,3-Dichloropropene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Toluene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
trans-1,3-Dichloropropene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
2-Hexanone	ND	30	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,1,2-Trichloroethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Tetrachloroethene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,3-Dichloropropane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Dibromochloromethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2-Dibromoethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
trans-1,4-Dichloro-2-Butene	ND	30	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Chlorobenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,1,1,2-Tetrachloroethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Ethylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
m+p Xylenes	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
o-Xylene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Styrene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Bromoform	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Isopropylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,1,2,2-Tetrachloroethane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Bromobenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2,3-Trichloropropane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
n-Propylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
2-Chlorotoluene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
4-Chlorotoluene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-1 (5-10) Bottom 6in

Lab ID: 4120041-01

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,3,5-Trimethylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
tert-Butylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2,4-Trimethylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
sec-Butylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,3-Dichlorobenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
4-Isopropyltoluene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,4-Dichlorobenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2-Dichlorobenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
n-Butylbenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2-Dibromo-3-Chloropropane	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2,4-Trichlorobenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Hexachlorobutadiene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
Naphthalene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	
1,2,3-Trichlorobenzene	ND	6.0	2.09	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:06	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>103 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 18:06</i>	
<i>Surrogate: Toluene-d8</i>	<i>101 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 18:06</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>117 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 18:06</i>	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-1 (15-20)

Lab ID: 4120041-02

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	65	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 13:55	
<i>Surrogate: Octacosane</i>	<i>120 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 13:55</i>	

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1221	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1232	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1242	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1248	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1254	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1260	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1268	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
PCB-1262	ND	0.26	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:21	
<i>Surrogate: TCMX</i>	<i>67.0 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 01:21</i>	
<i>Surrogate: DCB</i>	<i>61.3 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 01:21</i>	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-3 (5-10) Top 27in

Lab ID: 4120041-03

Total Metals

Method: EPA 6010C

Analyst: SS

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	170	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Selenium	ND	1.1	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Cadmium	0.61	0.57	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Chromium	22	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Arsenic	10	1.1	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Barium	46	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Silver	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Copper	2300	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Nickel	60	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Zinc	500	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Beryllium	ND	1.1	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Antimony	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Thallium	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	
Vanadium	33	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 19:45	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	57	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 14:18	
<i>Surrogate: Octacosane</i>	<i>127 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 14:18</i>	

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
1,3-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
n-Nitroso-di-n-propylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Pyridine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
n-Nitroso-dimethylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-3 (5-10) Top 27in

Lab ID: 4120041-03

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Aniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2-Chlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
1,4-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Benzyl Alcohol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
1,2-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
bis(2-Chloroisopropyl)ether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Hexachloroethane	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2-Methyl Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
3+4 Methyl Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Naphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2-Nitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,4-Dichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Hexachlorobutadiene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
4-Chloro-3-methylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Nitrobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Isophorone	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,4-Dimethylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
bis(2-Chloroethoxy)methane	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Benzoic Acid	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
1,2,4-Trichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,6-Dichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
4-Chloroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
1,2,4,5-Tetrachlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2-Methyl Naphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Acenaphthylene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Acenaphthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Dibenzofuran	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Fluorene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Hexachlorocyclopentadiene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,4,6-Trichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,4,5-Trichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,4-Dinitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
4-Nitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2-Chloronaphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Dimethylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,6-Dinitrotoluene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
4-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-3 (5-10) Top 27in

Lab ID: 4120041-03

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
2,3,4,6-Tetrachlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
4-Chlorophenyl-phenylether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Diethylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Phenanthrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Carbazole	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
n-Nitrosodiphenylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Pentachlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
3-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
4,6-Dinitro-2-methylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
1,2-Diphenylhydrazine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
4-Bromophenyl-phenylether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Hexachlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Di-n-butylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Pentachloronitrobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Benzo[a]anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Chrysene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Butylbenzylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
3,3-Dichlorobenzidine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
bis(2-Ethylhexyl)phthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Di-n-octylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Benzo[b]fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Benzo[k]fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Benzo[a]pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Indeno[1,2,3-cd]pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Dibenz[a,h]anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	
Benzo[g,h,i]perylene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 03:41	

Surrogate: 2-Fluorophenol	63.6 %	30 - 130		B4L0429	12/04/2014	12/06/2014 03:41
Surrogate: Phenol-d6	72.2 %	30 - 130		B4L0429	12/04/2014	12/06/2014 03:41
Surrogate: Nitrobenzene-d5	66.8 %	30 - 130		B4L0429	12/04/2014	12/06/2014 03:41
Surrogate: 2-Fluorobiphenyl	72.5 %	30 - 130		B4L0429	12/04/2014	12/06/2014 03:41
Surrogate: 2,4,6-Tribromophenol	58.6 %	30 - 130		B4L0429	12/04/2014	12/06/2014 03:41
Surrogate: Terphenyl-d14	87.9 %	30 - 130		B4L0429	12/04/2014	12/06/2014 03:41

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-3 (5-10) Top 27in

Lab ID: 4120041-03

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	20	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Chloromethane	ND	14	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Vinyl Chloride	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	*C2
Bromomethane	ND	14	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	*C2
Chloroethane	ND	14	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	*C2
Trichlorofluoromethane	ND	54	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Acetone	ND	200	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	*F1*C1
Acrylonitrile	ND	11	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Trichlorotrifluoroethane	ND	54	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,1-Dichloroethene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Methylene Chloride	ND	68	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	*F2*C2
Carbon Disulfide	ND	14	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Methyl-t-Butyl Ether (MTBE)	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
trans-1,2-Dichloroethene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,1-Dichloroethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
2-Butanone (MEK)	ND	34	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
2,2-Dichloropropane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
cis-1,2-Dichloroethene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Chloroform	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Tetrahydrofuran	ND	34	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,1,1-Trichloroethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Carbon Tetrachloride	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,1-Dichloropropene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Benzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2-Dichloroethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Trichloroethene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2-Dichloropropane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Dibromomethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Bromodichloromethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Methyl Isobutyl Ketone	ND	34	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
cis-1,3-Dichloropropene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Toluene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
trans-1,3-Dichloropropene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
2-Hexanone	ND	34	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,1,2-Trichloroethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Tetrachloroethene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,3-Dichloropropane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Dibromochloromethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2-Dibromoethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-3 (5-10) Top 27in

Lab ID: 4120041-03

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	34	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Chlorobenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,1,1,2-Tetrachloroethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Ethylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
m+p Xylenes	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
o-Xylene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Styrene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Bromoform	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Isopropylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,1,2,2-Tetrachloroethane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Bromobenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2,3-Trichloropropane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
n-Propylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
2-Chlorotoluene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
4-Chlorotoluene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,3,5-Trimethylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
tert-Butylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2,4-Trimethylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
sec-Butylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,3-Dichlorobenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
4-Isopropyltoluene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,4-Dichlorobenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2-Dichlorobenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
n-Butylbenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2-Dibromo-3-Chloropropane	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2,4-Trichlorobenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Hexachlorobutadiene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
Naphthalene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
1,2,3-Trichlorobenzene	ND	6.8	2.38	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 18:42	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>88.7 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 18:42</i>	
<i>Surrogate: Toluene-d8</i>	<i>99.1 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 18:42</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>138 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 18:42</i>	H

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in**Lab ID: 4120041-04****Total Metals****Method: EPA 6010C****Analyst: SS****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	120	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Selenium	ND	1.1	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Cadmium	0.82	0.57	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Chromium	19	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Arsenic	14	1.1	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Barium	54	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Silver	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Copper	1600	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Nickel	38	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Zinc	1300	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Beryllium	ND	1.1	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Antimony	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Thallium	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	
Vanadium	49	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:05	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	57	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 14:40	
<i>Surrogate: Octacosane</i>	<i>125 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 14:40</i>	

PCBs by Soxhlet**Method: EPA 8082A****Analyst: CA****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
PCB-1221	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
PCB-1232	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
PCB-1242	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
PCB-1248	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in**Lab ID: 4120041-04****PCBs by Soxhlet****Method: EPA 8082A****Analyst: CA****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1254	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
PCB-1260	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
PCB-1268	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
PCB-1262	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:40	
<i>Surrogate: TCMX</i>	<i>82.1 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 01:40</i>	
<i>Surrogate: DCB</i>	<i>82.3 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 01:40</i>	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
1,3-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
n-Nitroso-di-n-propylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Pyridine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
n-Nitroso-dimethylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
bis(2-Chloroethyl)ether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Aniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2-Chlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
1,4-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Benzyl Alcohol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
1,2-Dichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
bis(2-Chloroisopropyl)ether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Hexachloroethane	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2-Methyl Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
3+4 Methyl Phenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Naphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2-Nitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,4-Dichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Hexachlorobutadiene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
4-Chloro-3-methylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Nitrobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Isophorone	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,4-Dimethylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in

Lab ID: 4120041-04

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethoxy)methane	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Benzoic Acid	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
1,2,4-Trichlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,6-Dichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
4-Chloroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
1,2,4,5-Tetrachlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2-Methyl Naphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Acenaphthylene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Acenaphthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Dibenzofuran	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Fluorene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Hexachlorocyclopentadiene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,4,6-Trichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,4,5-Trichlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,4-Dinitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
4-Nitrophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2-Chloronaphthalene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Dimethylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,6-Dinitrotoluene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
4-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,4-Dinitrotoluene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
2,3,4,6-Tetrachlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
4-Chlorophenyl-phenylether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Diethylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Phenanthrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Carbazole	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
n-Nitrosodiphenylamine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Pentachlorophenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
3-Nitroaniline	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
4,6-Dinitro-2-methylphenol	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
1,2-Diphenylhydrazine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
4-Bromophenyl-phenylether	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Hexachlorobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Di-n-butylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Pentachloronitrobenzene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in

Lab ID: 4120041-04

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[a]anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Chrysene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Butylbenzylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
3,3-Dichlorobenzidine	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
bis(2-Ethylhexyl)phthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Di-n-octylphthalate	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Benzo[b]fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Benzo[k]fluoranthene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Benzo[a]pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Indeno[1,2,3-cd]pyrene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Dibenz[a,h]anthracene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	
Benzo[g,h,i]perylene	ND	340	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 04:40	

<i>Surrogate: 2-Fluorophenol</i>	<i>55.1 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 04:40</i>	
<i>Surrogate: Phenol-d6</i>	<i>65.6 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 04:40</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>62.0 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 04:40</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>70.8 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 04:40</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>61.2 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 04:40</i>	
<i>Surrogate: Terphenyl-d14</i>	<i>62.0 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 04:40</i>	

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	14	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Chloromethane	ND	9.3	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Vinyl Chloride	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	*C2
Bromomethane	ND	9.3	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	*C2
Chloroethane	ND	9.3	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	*C2
Trichlorofluoromethane	ND	37	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Acetone	ND	140	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	*F1*C1
Acrylonitrile	ND	7.4	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Trichlorotrifluoroethane	ND	37	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,1-Dichloroethene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Methylene Chloride	ND	46	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	*F2*C2

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in

Lab ID: 4120041-04

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Carbon Disulfide	120	9.3	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Methyl-t-Butyl Ether (MTBE)	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
trans-1,2-Dichloroethene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,1-Dichloroethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
2-Butanone (MEK)	ND	23	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
2,2-Dichloropropane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
cis-1,2-Dichloroethene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Chloroform	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Tetrahydrofuran	ND	23	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,1,1-Trichloroethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Carbon Tetrachloride	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,1-Dichloropropene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Benzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2-Dichloroethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Trichloroethene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2-Dichloropropane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Dibromomethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Bromodichloromethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Methyl Isobutyl Ketone	ND	23	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
cis-1,3-Dichloropropene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Toluene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
trans-1,3-Dichloropropene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
2-Hexanone	ND	23	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,1,2-Trichloroethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Tetrachloroethene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,3-Dichloropropane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Dibromochloromethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2-Dibromoethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
trans-1,4-Dichloro-2-Butene	ND	23	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Chlorobenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,1,1,2-Tetrachloroethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Ethylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
m+p Xylenes	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
o-Xylene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Styrene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Bromoform	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Isopropylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,1,2,2-Tetrachloroethane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Bromobenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in

Lab ID: 4120041-04

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichloropropane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
n-Propylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
2-Chlorotoluene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
4-Chlorotoluene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,3,5-Trimethylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
tert-Butylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2,4-Trimethylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
sec-Butylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,3-Dichlorobenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
4-Isopropyltoluene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,4-Dichlorobenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2-Dichlorobenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
n-Butylbenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2-Dibromo-3-Chloropropane	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2,4-Trichlorobenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Hexachlorobutadiene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
Naphthalene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
1,2,3-Trichlorobenzene	ND	4.6	1.64	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:18	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>92.5 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 19:18</i>	
<i>Surrogate: Toluene-d8</i>	<i>100 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 19:18</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>138 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 19:18</i>	H

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in

Lab ID: 4120041-04RE1

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	13	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*F2
Chloromethane	ND	8.9	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Vinyl Chloride	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*F2
Bromomethane	ND	8.9	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Chloroethane	ND	8.9	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Trichlorofluoromethane	ND	36	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Acetone	ND	130	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Acrylonitrile	ND	7.1	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Trichlorotrifluoroethane	ND	36	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,1-Dichloroethene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Methylene Chloride	ND	45	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*F2*C2
Carbon Disulfide	140	8.9	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Methyl-t-Butyl Ether (MTBE)	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
trans-1,2-Dichloroethene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,1-Dichloroethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
2-Butanone (MEK)	ND	22	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
2,2-Dichloropropane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
cis-1,2-Dichloroethene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Chloroform	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Tetrahydrofuran	ND	22	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,1,1-Trichloroethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Carbon Tetrachloride	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,1-Dichloropropene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Benzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2-Dichloroethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Trichloroethene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*C2
1,2-Dichloropropane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Dibromomethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*C2
Bromodichloromethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Methyl Isobutyl Ketone	ND	22	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
cis-1,3-Dichloropropene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Toluene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
trans-1,3-Dichloropropene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
2-Hexanone	ND	22	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,1,2-Trichloroethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Tetrachloroethene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*C2
1,3-Dichloropropane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Dibromochloromethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2-Dibromoethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-4 (5-10) Top 24in

Lab ID: 4120041-04RE1

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	22	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Chlorobenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,1,1,2-Tetrachloroethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Ethylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
m+p Xylenes	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
o-Xylene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Styrene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Bromoform	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Isopropylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,1,2,2-Tetrachloroethane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
Bromobenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2,3-Trichloropropane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
n-Propylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
2-Chlorotoluene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
4-Chlorotoluene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,3,5-Trimethylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
tert-Butylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2,4-Trimethylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
sec-Butylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,3-Dichlorobenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
4-Isopropyltoluene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,4-Dichlorobenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2-Dichlorobenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
n-Butylbenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2-Dibromo-3-Chloropropane	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2,4-Trichlorobenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*C2
Hexachlorobutadiene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*C2
Naphthalene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	
1,2,3-Trichlorobenzene	ND	4.5	1.58	EPA 5035A-L	B4L0425	12/04/2014	12/04/2014 12:27	*C2
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>120 %</i>	<i>70 - 130</i>			B4L0425	12/04/2014	<i>12/04/2014 12:27</i>	
<i>Surrogate: Toluene-d8</i>	<i>93.7 %</i>	<i>70 - 130</i>			B4L0425	12/04/2014	<i>12/04/2014 12:27</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>67.7 %</i>	<i>70 - 130</i>			B4L0425	12/04/2014	<i>12/04/2014 12:27</i>	L

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-6 (5-10) Bottom 21in**Lab ID: 4120041-05****Conn. Extractable TPH****Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	59	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 15:03	
<i>Surrogate: Octacosane</i>	<i>115 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 15:03</i>	

PCBs by Soxhlet**Method: EPA 8082A****Analyst: CA****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1221	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1232	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1242	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1248	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1254	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1260	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1268	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
PCB-1262	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 01:59	
<i>Surrogate: TCMX</i>	<i>67.3 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 01:59</i>	
<i>Surrogate: DCB</i>	<i>69.3 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 01:59</i>	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
1,3-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
n-Nitroso-di-n-propylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Pyridine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
n-Nitroso-dimethylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
bis(2-Chloroethyl)ether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-6 (5-10) Bottom 21in

Lab ID: 4120041-05

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Aniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2-Chlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
1,4-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Benzyl Alcohol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
1,2-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
bis(2-Chloroisopropyl)ether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Hexachloroethane	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2-Methyl Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
3+4 Methyl Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Naphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2-Nitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,4-Dichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Hexachlorobutadiene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
4-Chloro-3-methylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Nitrobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Isophorone	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,4-Dimethylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
bis(2-Chloroethoxy)methane	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Benzoic Acid	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
1,2,4-Trichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,6-Dichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
4-Chloroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
1,2,4,5-Tetrachlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2-Methyl Naphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Acenaphthylene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Acenaphthene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Dibenzofuran	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Fluorene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Hexachlorocyclopentadiene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,4,6-Trichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,4,5-Trichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,4-Dinitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
4-Nitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2-Chloronaphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Dimethylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,6-Dinitrotoluene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
4-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
2,4-Dinitrotoluene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-6 (5-10) Bottom 21in

Lab ID: 4120041-05

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,3,4,6-Tetrachlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
4-Chlorophenyl-phenylether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Diethylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Phenanthrene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Anthracene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Carbazole	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Fluoranthene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Pyrene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
n-Nitrosodiphenylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Pentachlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
3-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
4,6-Dinitro-2-methylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
1,2-Diphenylhydrazine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
4-Bromophenyl-phenylether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Hexachlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Di-n-butylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Pentachloronitrobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Benzo[a]anthracene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Chrysene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Butylbenzylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
3,3-Dichlorobenzidine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
bis(2-Ethylhexyl)phthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Di-n-octylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Benzo[b]fluoranthene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Benzo[k]fluoranthene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Benzo[a]pyrene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Indeno[1,2,3-cd]pyrene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Dibenz[a,h]anthracene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	
Benzo[g,h,i]perylene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 05:39	

Surrogate: 2-Fluorophenol	30.0 %	30 - 130		B4L0429	12/04/2014	12/06/2014 05:39
Surrogate: Phenol-d6	37.2 %	30 - 130		B4L0429	12/04/2014	12/06/2014 05:39
Surrogate: Nitrobenzene-d5	36.5 %	30 - 130		B4L0429	12/04/2014	12/06/2014 05:39
Surrogate: 2-Fluorobiphenyl	44.9 %	30 - 130		B4L0429	12/04/2014	12/06/2014 05:39
Surrogate: 2,4,6-Tribromophenol	55.1 %	30 - 130		B4L0429	12/04/2014	12/06/2014 05:39
Surrogate: Terphenyl-d14	73.2 %	30 - 130		B4L0429	12/04/2014	12/06/2014 05:39

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-6 (5-10) Bottom 21in

Lab ID: 4120041-05

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	18	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Chloromethane	ND	12	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Vinyl Chloride	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	*C2
Bromomethane	ND	12	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	*C2
Chloroethane	ND	12	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	*C2
Trichlorofluoromethane	ND	48	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Acetone	ND	180	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	*F1*C1
Acrylonitrile	ND	9.6	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Trichlorotrifluoroethane	ND	48	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,1-Dichloroethene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Methylene Chloride	ND	60	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	*F2*C2
Carbon Disulfide	ND	12	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Methyl-t-Butyl Ether (MTBE)	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
trans-1,2-Dichloroethene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,1-Dichloroethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
2-Butanone (MEK)	ND	30	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
2,2-Dichloropropane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
cis-1,2-Dichloroethene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Chloroform	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Tetrahydrofuran	ND	30	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,1,1-Trichloroethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Carbon Tetrachloride	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,1-Dichloropropene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Benzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2-Dichloroethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Trichloroethene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2-Dichloropropane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Dibromomethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Bromodichloromethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Methyl Isobutyl Ketone	ND	30	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
cis-1,3-Dichloropropene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Toluene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
trans-1,3-Dichloropropene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
2-Hexanone	ND	30	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,1,2-Trichloroethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Tetrachloroethene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,3-Dichloropropane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Dibromochloromethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2-Dibromoethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-6 (5-10) Bottom 21in

Lab ID: 4120041-05

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	30	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Chlorobenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,1,1,2-Tetrachloroethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Ethylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
m+p Xylenes	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
o-Xylene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Styrene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Bromoform	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Isopropylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,1,2,2-Tetrachloroethane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Bromobenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2,3-Trichloropropane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
n-Propylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
2-Chlorotoluene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
4-Chlorotoluene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,3,5-Trimethylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
tert-Butylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2,4-Trimethylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
sec-Butylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,3-Dichlorobenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
4-Isopropyltoluene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,4-Dichlorobenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2-Dichlorobenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
n-Butylbenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2-Dibromo-3-Chloropropane	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2,4-Trichlorobenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Hexachlorobutadiene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
Naphthalene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
1,2,3-Trichlorobenzene	ND	6.0	2.04	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 19:55	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>80.7 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 19:55</i>	
<i>Surrogate: Toluene-d8</i>	<i>99.1 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 19:55</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>115 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 19:55</i>	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-7 (0-5)**Lab ID: 4120041-06****Total Metals****Method: EPA 6010C****Analyst: SS****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	210	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Selenium	ND	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Cadmium	ND	0.58	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Chromium	17	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Arsenic	11	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Barium	96	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Silver	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Copper	260	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Nickel	26	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Zinc	330	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Beryllium	ND	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Antimony	7.1	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Thallium	ND	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	
Vanadium	30	2.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:10	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	58	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 15:26	
<i>Surrogate: Octacosane</i>	<i>127 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 15:26</i>	

PCBs by Soxhlet**Method: EPA 8082A****Analyst: CA****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
PCB-1221	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
PCB-1232	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
PCB-1242	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
PCB-1248	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-7 (0-5)**Lab ID: 4120041-06****PCBs by Soxhlet****Method: EPA 8082A****Analyst: CA****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1254	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
PCB-1260	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
PCB-1268	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
PCB-1262	ND	0.23	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:13	
<i>Surrogate: TCMX</i>	<i>80.8 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 03:13</i>	
<i>Surrogate: DCB</i>	<i>83.5 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 03:13</i>	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
1,3-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
n-Nitroso-di-n-propylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Pyridine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
n-Nitroso-dimethylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
bis(2-Chloroethyl)ether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Aniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2-Chlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
1,4-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Benzyl Alcohol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
1,2-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
bis(2-Chloroisopropyl)ether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Hexachloroethane	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2-Methyl Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
3+4 Methyl Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Naphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2-Nitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,4-Dichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Hexachlorobutadiene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
4-Chloro-3-methylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Nitrobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Isophorone	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,4-Dimethylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-7 (0-5)

Lab ID: 4120041-06

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethoxy)methane	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Benzoic Acid	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
1,2,4-Trichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,6-Dichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
4-Chloroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
1,2,4,5-Tetrachlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2-Methyl Naphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Acenaphthylene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Acenaphthene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Dibenzofuran	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Fluorene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Hexachlorocyclopentadiene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,4,6-Trichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,4,5-Trichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,4-Dinitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
4-Nitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2-Chloronaphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Dimethylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,6-Dinitrotoluene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
4-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,4-Dinitrotoluene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
2,3,4,6-Tetrachlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
4-Chlorophenyl-phenylether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Diethylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Phenanthrene	480	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Anthracene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Carbazole	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Fluoranthene	590	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Pyrene	520	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
n-Nitrosodiphenylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Pentachlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
3-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
4,6-Dinitro-2-methylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
1,2-Diphenylhydrazine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
4-Bromophenyl-phenylether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Hexachlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Di-n-butylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Pentachloronitrobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-7 (0-5)

Lab ID: 4120041-06

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[a]anthracene	410	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Chrysene	590	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Butylbenzylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
3,3-Dichlorobenzidine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
bis(2-Ethylhexyl)phthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Di-n-octylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Benzo[b]fluoranthene	530	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Benzo[k]fluoranthene	460	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Benzo[a]pyrene	460	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Indeno[1,2,3-cd]pyrene	410	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Dibenz[a,h]anthracene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	
Benzo[g,h,i]perylene	380	350	1	EPA 3545A	B4L0429	12/04/2014	12/06/2014 06:39	

<i>Surrogate: 2-Fluorophenol</i>	<i>51.8 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 06:39</i>	
<i>Surrogate: Phenol-d6</i>	<i>63.9 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 06:39</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>65.5 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 06:39</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>69.4 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 06:39</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>55.5 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 06:39</i>	
<i>Surrogate: Terphenyl-d14</i>	<i>79.0 %</i>	<i>30 - 130</i>			B4L0429	12/04/2014	<i>12/06/2014 06:39</i>	

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	25	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Chloromethane	ND	17	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Vinyl Chloride	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	*C2
Bromomethane	ND	17	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	*C2
Chloroethane	ND	17	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	*C2
Trichlorofluoromethane	ND	68	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Acetone	ND	250	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	*F1*C1
Acrylonitrile	ND	14	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Trichlorotrifluoroethane	ND	68	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,1-Dichloroethene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Methylene Chloride	ND	85	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	*F2*C2

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-7 (0-5)

Lab ID: 4120041-06

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Carbon Disulfide	ND	17	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Methyl-t-Butyl Ether (MTBE)	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
trans-1,2-Dichloroethene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,1-Dichloroethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
2-Butanone (MEK)	ND	42	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
2,2-Dichloropropane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
cis-1,2-Dichloroethene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Chloroform	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Tetrahydrofuran	ND	42	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,1,1-Trichloroethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Carbon Tetrachloride	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,1-Dichloropropene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Benzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2-Dichloroethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Trichloroethene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2-Dichloropropane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Dibromomethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Bromodichloromethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Methyl Isobutyl Ketone	ND	42	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
cis-1,3-Dichloropropene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Toluene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
trans-1,3-Dichloropropene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
2-Hexanone	ND	42	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,1,2-Trichloroethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Tetrachloroethene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,3-Dichloropropane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Dibromochloromethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2-Dibromoethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
trans-1,4-Dichloro-2-Butene	ND	42	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Chlorobenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,1,1,2-Tetrachloroethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Ethylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
m+p Xylenes	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
o-Xylene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Styrene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Bromoform	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Isopropylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,1,2,2-Tetrachloroethane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Bromobenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-7 (0-5)

Lab ID: 4120041-06

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichloropropane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
n-Propylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
2-Chlorotoluene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
4-Chlorotoluene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,3,5-Trimethylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
tert-Butylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2,4-Trimethylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
sec-Butylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,3-Dichlorobenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
4-Isopropyltoluene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,4-Dichlorobenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2-Dichlorobenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
n-Butylbenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2-Dibromo-3-Chloropropane	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2,4-Trichlorobenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Hexachlorobutadiene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
Naphthalene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	
1,2,3-Trichlorobenzene	ND	8.5	2.92	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 20:32	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>74.2 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 20:32</i>	
<i>Surrogate: Toluene-d8</i>	<i>100 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 20:32</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>126 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 20:32</i>	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-9 (0-5) Bottom 8in**Lab ID: 4120041-07****Total Metals****Method: EPA 6010C****Analyst: SS****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	500	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Selenium	2.0	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Cadmium	ND	0.60	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Chromium	19	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Arsenic	22	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Barium	130	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Silver	ND	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Copper	240	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Nickel	17	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Zinc	140	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Beryllium	ND	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Antimony	ND	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Thallium	ND	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	
Vanadium	34	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:15	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	60	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 15:49	
<i>Surrogate: Octacosane</i>	<i>123 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 15:49</i>	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
1,3-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
n-Nitroso-di-n-propylamine	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Pyridine	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
n-Nitroso-dimethylamine	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-9 (0-5) Bottom 8in

Lab ID: 4120041-07

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Aniline	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2-Chlorophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
1,4-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Benzyl Alcohol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
1,2-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
bis(2-Chloroisopropyl)ether	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Hexachloroethane	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2-Methyl Phenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
3+4 Methyl Phenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Naphthalene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2-Nitrophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,4-Dichlorophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Hexachlorobutadiene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
4-Chloro-3-methylphenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Nitrobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Isophorone	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,4-Dimethylphenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
bis(2-Chloroethoxy)methane	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Benzoic Acid	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
1,2,4-Trichlorobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,6-Dichlorophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
4-Chloroaniline	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
1,2,4,5-Tetrachlorobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2-Methyl Naphthalene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Acenaphthylene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Acenaphthene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Dibenzofuran	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Fluorene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Hexachlorocyclopentadiene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,4,6-Trichlorophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,4,5-Trichlorophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,4-Dinitrophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
4-Nitrophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2-Chloronaphthalene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2-Nitroaniline	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Dimethylphthalate	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,6-Dinitrotoluene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
4-Nitroaniline	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-9 (0-5) Bottom 8in

Lab ID: 4120041-07

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
2,3,4,6-Tetrachlorophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
4-Chlorophenyl-phenylether	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Diethylphthalate	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Phenanthrene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Anthracene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Carbazole	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Fluoranthene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Pyrene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
n-Nitrosodiphenylamine	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Pentachlorophenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
3-Nitroaniline	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
4,6-Dinitro-2-methylphenol	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
1,2-Diphenylhydrazine	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
4-Bromophenyl-phenylether	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Hexachlorobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Di-n-butylphthalate	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Pentachloronitrobenzene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Benzo[a]anthracene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Chrysene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Butylbenzylphthalate	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
3,3-Dichlorobenzidine	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
bis(2-Ethylhexyl)phthalate	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Di-n-octylphthalate	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Benzo[b]fluoranthene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Benzo[k]fluoranthene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Benzo[a]pyrene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Indeno[1,2,3-cd]pyrene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Dibenz[a,h]anthracene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	
Benzo[g,h,i]perylene	ND	360	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 19:48	

Surrogate: 2-Fluorophenol	30.2 %	30 - 130		B4L0429	12/04/2014	12/08/2014 19:48
Surrogate: Phenol-d6	56.4 %	30 - 130		B4L0429	12/04/2014	12/08/2014 19:48
Surrogate: Nitrobenzene-d5	67.3 %	30 - 130		B4L0429	12/04/2014	12/08/2014 19:48
Surrogate: 2-Fluorobiphenyl	62.2 %	30 - 130		B4L0429	12/04/2014	12/08/2014 19:48
Surrogate: 2,4,6-Tribromophenol	49.8 %	30 - 130		B4L0429	12/04/2014	12/08/2014 19:48
Surrogate: Terphenyl-d14	68.4 %	30 - 130		B4L0429	12/04/2014	12/08/2014 19:48

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-9 (0-5) Bottom 8in

Lab ID: 4120041-07

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	20	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Chloromethane	ND	13	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Vinyl Chloride	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	*C2
Bromomethane	ND	13	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	*C2
Chloroethane	ND	13	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	*C2
Trichlorofluoromethane	ND	53	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Acetone	ND	200	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	*F1*C1
Acrylonitrile	ND	11	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Trichlorotrifluoroethane	ND	53	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,1-Dichloroethene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Methylene Chloride	ND	67	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	*F2*C2
Carbon Disulfide	ND	13	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Methyl-t-Butyl Ether (MTBE)	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
trans-1,2-Dichloroethene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,1-Dichloroethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
2-Butanone (MEK)	ND	33	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
2,2-Dichloropropane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
cis-1,2-Dichloroethene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Chloroform	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Tetrahydrofuran	ND	33	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,1,1-Trichloroethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Carbon Tetrachloride	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,1-Dichloropropene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Benzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2-Dichloroethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Trichloroethene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2-Dichloropropane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Dibromomethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Bromodichloromethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Methyl Isobutyl Ketone	ND	33	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
cis-1,3-Dichloropropene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Toluene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
trans-1,3-Dichloropropene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
2-Hexanone	ND	33	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,1,2-Trichloroethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Tetrachloroethene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,3-Dichloropropane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Dibromochloromethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2-Dibromoethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-9 (0-5) Bottom 8in

Lab ID: 4120041-07

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	33	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Chlorobenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,1,1,2-Tetrachloroethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Ethylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
m+p Xylenes	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
o-Xylene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Styrene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Bromoform	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Isopropylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,1,2,2-Tetrachloroethane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Bromobenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2,3-Trichloropropane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
n-Propylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
2-Chlorotoluene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
4-Chlorotoluene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,3,5-Trimethylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
tert-Butylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2,4-Trimethylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
sec-Butylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,3-Dichlorobenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
4-Isopropyltoluene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,4-Dichlorobenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2-Dichlorobenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
n-Butylbenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2-Dibromo-3-Chloropropane	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2,4-Trichlorobenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Hexachlorobutadiene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
Naphthalene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
1,2,3-Trichlorobenzene	ND	6.7	2.24	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 22:58	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	78.8 %	70 - 130			B4L0333	12/03/2014	12/03/2014 22:58	
<i>Surrogate: Toluene-d8</i>	97.0 %	70 - 130			B4L0333	12/03/2014	12/03/2014 22:58	
<i>Surrogate: 4-Bromofluorobenzene</i>	138 %	70 - 130			B4L0333	12/03/2014	12/03/2014 22:58	H

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-10 (5-6)**Lab ID: 4120041-08****Total Metals****Method: EPA 6010C****Analyst: SS****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	3800	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Selenium	1.4	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Cadmium	0.60	0.59	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Chromium	15	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Arsenic	18	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Barium	160	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Silver	ND	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Copper	570	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Nickel	27	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Zinc	1200	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Beryllium	ND	1.2	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Antimony	8.2	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Thallium	ND	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	
Vanadium	22	2.4	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:20	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	280	59	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 16:12	1

Surrogate: Octacosane 128 % 50 - 150 B4L0404 12/04/2014 12/05/2014 16:12

1 C18-C36 may be PNA Related

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
1,3-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
n-Nitroso-di-n-propylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Pyridine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
n-Nitroso-dimethylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-10 (5-6)

Lab ID: 4120041-08

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Aniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2-Chlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
1,4-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Benzyl Alcohol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
1,2-Dichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
bis(2-Chloroisopropyl)ether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Hexachloroethane	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2-Methyl Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
3+4 Methyl Phenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Naphthalene	440	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2-Nitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,4-Dichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Hexachlorobutadiene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
4-Chloro-3-methylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Nitrobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Isophorone	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,4-Dimethylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
bis(2-Chloroethoxy)methane	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Benzoic Acid	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
1,2,4-Trichlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,6-Dichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
4-Chloroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
1,2,4,5-Tetrachlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2-Methyl Naphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Acenaphthylene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Acenaphthene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Dibenzofuran	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Fluorene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Hexachlorocyclopentadiene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,4,6-Trichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,4,5-Trichlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,4-Dinitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
4-Nitrophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2-Chloronaphthalene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Dimethylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,6-Dinitrotoluene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
4-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-10 (5-6)

Lab ID: 4120041-08

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
2,3,4,6-Tetrachlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
4-Chlorophenyl-phenylether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Diethylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Phenanthrene	1500	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Anthracene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Carbazole	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Fluoranthene	1300	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Pyrene	1100	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
n-Nitrosodiphenylamine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Pentachlorophenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
3-Nitroaniline	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
4,6-Dinitro-2-methylphenol	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
1,2-Diphenylhydrazine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
4-Bromophenyl-phenylether	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Hexachlorobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Di-n-butylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Pentachloronitrobenzene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Benzo[a]anthracene	900	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Chrysene	950	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Butylbenzylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
3,3-Dichlorobenzidine	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
bis(2-Ethylhexyl)phthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Di-n-octylphthalate	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Benzo[b]fluoranthene	770	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Benzo[k]fluoranthene	740	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Benzo[a]pyrene	890	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Indeno[1,2,3-cd]pyrene	740	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Dibenz[a,h]anthracene	ND	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	
Benzo[g,h,i]perylene	850	350	1	EPA 3545A	B4L0429	12/04/2014	12/08/2014 20:46	

Surrogate: 2-Fluorophenol	45.3 %	30 - 130		B4L0429	12/04/2014	12/08/2014 20:46
Surrogate: Phenol-d6	59.9 %	30 - 130		B4L0429	12/04/2014	12/08/2014 20:46
Surrogate: Nitrobenzene-d5	59.9 %	30 - 130		B4L0429	12/04/2014	12/08/2014 20:46
Surrogate: 2-Fluorobiphenyl	64.5 %	30 - 130		B4L0429	12/04/2014	12/08/2014 20:46
Surrogate: 2,4,6-Tribromophenol	54.5 %	30 - 130		B4L0429	12/04/2014	12/08/2014 20:46
Surrogate: Terphenyl-d14	69.6 %	30 - 130		B4L0429	12/04/2014	12/08/2014 20:46

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-10 (5-6)

Lab ID: 4120041-08

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	23	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Chloromethane	ND	15	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Vinyl Chloride	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	*C2
Bromomethane	ND	15	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	*C2
Chloroethane	ND	15	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	*C2
Trichlorofluoromethane	ND	61	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Acetone	ND	230	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	*F1*C1
Acrylonitrile	ND	12	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Trichlorotrifluoroethane	ND	61	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,1-Dichloroethene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Methylene Chloride	ND	76	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	*F2*C2
Carbon Disulfide	ND	15	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Methyl-t-Butyl Ether (MTBE)	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
trans-1,2-Dichloroethene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,1-Dichloroethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
2-Butanone (MEK)	ND	38	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
2,2-Dichloropropane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
cis-1,2-Dichloroethene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Chloroform	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Tetrahydrofuran	ND	38	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,1,1-Trichloroethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Carbon Tetrachloride	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,1-Dichloropropene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Benzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2-Dichloroethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Trichloroethene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2-Dichloropropane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Dibromomethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Bromodichloromethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Methyl Isobutyl Ketone	ND	38	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
cis-1,3-Dichloropropene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Toluene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
trans-1,3-Dichloropropene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
2-Hexanone	ND	38	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,1,2-Trichloroethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Tetrachloroethene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,3-Dichloropropane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Dibromochloromethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2-Dibromoethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-10 (5-6)

Lab ID: 4120041-08

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	38	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Chlorobenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,1,1,2-Tetrachloroethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Ethylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
m+p Xylenes	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
o-Xylene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Styrene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Bromoform	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Isopropylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,1,2,2-Tetrachloroethane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Bromobenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2,3-Trichloropropane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
n-Propylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
2-Chlorotoluene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
4-Chlorotoluene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,3,5-Trimethylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
tert-Butylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2,4-Trimethylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
sec-Butylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,3-Dichlorobenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
4-Isopropyltoluene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,4-Dichlorobenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2-Dichlorobenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
n-Butylbenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2-Dibromo-3-Chloropropane	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2,4-Trichlorobenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Hexachlorobutadiene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
Naphthalene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
1,2,3-Trichlorobenzene	ND	7.6	2.58	EPA 5035A-L	B4L0333	12/03/2014	12/03/2014 23:34	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>81.5 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 23:34</i>	
<i>Surrogate: Toluene-d8</i>	<i>102 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 23:34</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>116 %</i>	<i>70 - 130</i>			B4L0333	12/03/2014	<i>12/03/2014 23:34</i>	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (5-10) Top 10in**Lab ID: 4120041-09****Total Metals****Method: EPA 6010C****Analyst: SS****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	1600	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Selenium	6.9	1.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Cadmium	6.9	0.63	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Chromium	31	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Arsenic	110	1.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Barium	600	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Silver	3.3	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Copper	7100	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Nickel	57	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Zinc	3000	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Beryllium	ND	1.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Antimony	18	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Thallium	ND	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	
Vanadium	43	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:35	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	63	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 16:35	
<i>Surrogate: Octacosane</i>	<i>129 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 16:35</i>	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
1,3-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
n-Nitroso-di-n-propylamine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Pyridine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
n-Nitroso-dimethylamine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (5-10) Top 10in

Lab ID: 4120041-09

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Aniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2-Chlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
1,4-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Benzyl Alcohol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
1,2-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
bis(2-Chloroisopropyl)ether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Hexachloroethane	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2-Methyl Phenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
3+4 Methyl Phenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Naphthalene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2-Nitrophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,4-Dichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Hexachlorobutadiene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
4-Chloro-3-methylphenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Nitrobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Isophorone	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,4-Dimethylphenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
bis(2-Chloroethoxy)methane	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Benzoic Acid	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
1,2,4-Trichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,6-Dichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
4-Chloroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
1,2,4,5-Tetrachlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2-Methyl Naphthalene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Acenaphthylene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Acenaphthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Dibenzofuran	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Fluorene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Hexachlorocyclopentadiene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,4,6-Trichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,4,5-Trichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,4-Dinitrophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
4-Nitrophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2-Chloronaphthalene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2-Nitroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Dimethylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,6-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
4-Nitroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (5-10) Top 10in

Lab ID: 4120041-09

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
2,3,4,6-Tetrachlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
4-Chlorophenyl-phenylether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Diethylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Phenanthrene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Anthracene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Carbazole	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Fluoranthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Pyrene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
n-Nitrosodiphenylamine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Pentachlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
3-Nitroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
4,6-Dinitro-2-methylphenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
1,2-Diphenylhydrazine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
4-Bromophenyl-phenylether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Hexachlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Di-n-butylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Pentachloronitrobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Benzo[a]anthracene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Chrysene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Butylbenzylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
3,3-Dichlorobenzidine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
bis(2-Ethylhexyl)phthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Di-n-octylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Benzo[b]fluoranthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Benzo[k]fluoranthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Benzo[a]pyrene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Indeno[1,2,3-cd]pyrene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Dibenz[a,h]anthracene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	
Benzo[g,h,i]perylene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 22:40	

Surrogate: 2-Fluorophenol	59.2 %	30 - 130		B4L0517	12/05/2014	12/08/2014 22:40
Surrogate: Phenol-d6	67.9 %	30 - 130		B4L0517	12/05/2014	12/08/2014 22:40
Surrogate: Nitrobenzene-d5	64.3 %	30 - 130		B4L0517	12/05/2014	12/08/2014 22:40
Surrogate: 2-Fluorobiphenyl	71.5 %	30 - 130		B4L0517	12/05/2014	12/08/2014 22:40
Surrogate: 2,4,6-Tribromophenol	61.4 %	30 - 130		B4L0517	12/05/2014	12/08/2014 22:40
Surrogate: Terphenyl-d14	68.3 %	30 - 130		B4L0517	12/05/2014	12/08/2014 22:40

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (10-15) Top 14in**Lab ID: 4120041-10****Conn. Extractable TPH****Method: CT-ETPH****Analyst: TD****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	61	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 16:57	
<i>Surrogate: Octacosane</i>	<i>132 %</i>	<i>50 - 150</i>			B4L0404	12/04/2014	<i>12/05/2014 16:57</i>	

PCBs by Soxhlet**Method: EPA 8082A****Analyst: CA****Matrix: Soil**

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1221	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1232	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1242	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1248	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1254	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1260	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1268	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
PCB-1262	ND	0.24	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 03:32	
<i>Surrogate: TCMX</i>	<i>80.3 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 03:32</i>	
<i>Surrogate: DCB</i>	<i>80.0 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 03:32</i>	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Soil**

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
1,3-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
n-Nitroso-di-n-propylamine	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Pyridine	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
n-Nitroso-dimethylamine	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
bis(2-Chloroethyl)ether	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (10-15) Top 14in

Lab ID: 4120041-10

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Aniline	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2-Chlorophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
1,4-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Benzyl Alcohol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
1,2-Dichlorobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
bis(2-Chloroisopropyl)ether	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Hexachloroethane	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2-Methyl Phenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
3+4 Methyl Phenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Naphthalene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2-Nitrophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,4-Dichlorophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Hexachlorobutadiene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
4-Chloro-3-methylphenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Nitrobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Isophorone	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,4-Dimethylphenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
bis(2-Chloroethoxy)methane	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Benzoic Acid	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
1,2,4-Trichlorobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,6-Dichlorophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
4-Chloroaniline	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
1,2,4,5-Tetrachlorobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2-Methyl Naphthalene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Acenaphthylene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Acenaphthene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Dibenzofuran	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Fluorene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Hexachlorocyclopentadiene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,4,6-Trichlorophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,4,5-Trichlorophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,4-Dinitrophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
4-Nitrophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2-Chloronaphthalene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2-Nitroaniline	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Dimethylphthalate	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,6-Dinitrotoluene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
4-Nitroaniline	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
2,4-Dinitrotoluene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (10-15) Top 14in

Lab ID: 4120041-10

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,3,4,6-Tetrachlorophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
4-Chlorophenyl-phenylether	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Diethylphthalate	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Phenanthrene	600	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Anthracene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Carbazole	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Fluoranthene	840	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Pyrene	810	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
n-Nitrosodiphenylamine	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Pentachlorophenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
3-Nitroaniline	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
4,6-Dinitro-2-methylphenol	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
1,2-Diphenylhydrazine	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
4-Bromophenyl-phenylether	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Hexachlorobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Di-n-butylphthalate	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Pentachloronitrobenzene	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Benzo[a]anthracene	1100	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Chrysene	1100	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Butylbenzylphthalate	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
3,3-Dichlorobenzidine	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
bis(2-Ethylhexyl)phthalate	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Di-n-octylphthalate	ND	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Benzo[b]fluoranthene	1600	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Benzo[k]fluoranthene	1400	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Benzo[a]pyrene	2400	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Indeno[1,2,3-cd]pyrene	2700	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Dibenz[a,h]anthracene	960	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	
Benzo[g,h,i]perylene	2700	360	1	EPA 3545A	B4L0517	12/05/2014	12/08/2014 23:36	

Surrogate: 2-Fluorophenol	60.2 %	30 - 130		B4L0517	12/05/2014	12/08/2014 23:36
Surrogate: Phenol-d6	71.2 %	30 - 130		B4L0517	12/05/2014	12/08/2014 23:36
Surrogate: Nitrobenzene-d5	61.4 %	30 - 130		B4L0517	12/05/2014	12/08/2014 23:36
Surrogate: 2-Fluorobiphenyl	71.1 %	30 - 130		B4L0517	12/05/2014	12/08/2014 23:36
Surrogate: 2,4,6-Tribromophenol	59.0 %	30 - 130		B4L0517	12/05/2014	12/08/2014 23:36
Surrogate: Terphenyl-d14	80.9 %	30 - 130		B4L0517	12/05/2014	12/08/2014 23:36

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (10-15) Top 14in

Lab ID: 4120041-10

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	43	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Chloromethane	ND	29	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Vinyl Chloride	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	*C2
Bromomethane	ND	29	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	*C2
Chloroethane	ND	29	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	*C2
Trichlorofluoromethane	ND	120	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Acetone	ND	430	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	*F1*C1
Acrylonitrile	ND	23	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Trichlorotrifluoroethane	ND	120	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,1-Dichloroethene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Methylene Chloride	ND	140	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	*F2*C2
Carbon Disulfide	ND	29	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Methyl-t-Butyl Ether (MTBE)	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
trans-1,2-Dichloroethene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,1-Dichloroethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
2-Butanone (MEK)	ND	72	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
2,2-Dichloropropane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
cis-1,2-Dichloroethene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Chloroform	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Tetrahydrofuran	ND	72	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,1,1-Trichloroethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Carbon Tetrachloride	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,1-Dichloropropene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Benzene	41	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2-Dichloroethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Trichloroethene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2-Dichloropropane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Dibromomethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Bromodichloromethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Methyl Isobutyl Ketone	ND	72	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
cis-1,3-Dichloropropene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Toluene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
trans-1,3-Dichloropropene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
2-Hexanone	ND	72	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,1,2-Trichloroethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Tetrachloroethene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,3-Dichloropropane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Dibromochloromethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2-Dibromoethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-12 (10-15) Top 14in

Lab ID: 4120041-10

Volatile Organics

Method: EPA 8260C

Analyst: TWF

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	72	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Chlorobenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,1,1,2-Tetrachloroethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Ethylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
m+p Xylenes	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
o-Xylene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Styrene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Bromoform	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Isopropylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,1,2,2-Tetrachloroethane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Bromobenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2,3-Trichloropropane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
n-Propylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
2-Chlorotoluene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
4-Chlorotoluene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,3,5-Trimethylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
tert-Butylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2,4-Trimethylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
sec-Butylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,3-Dichlorobenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
4-Isopropyltoluene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,4-Dichlorobenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2-Dichlorobenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
n-Butylbenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2-Dibromo-3-Chloropropane	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2,4-Trichlorobenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Hexachlorobutadiene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
Naphthalene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
1,2,3-Trichlorobenzene	ND	14	4.74	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:10	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>78.0 %</i>	<i>70 - 130</i>			B4L0333	12/04/2014	<i>12/04/2014 00:10</i>	
<i>Surrogate: Toluene-d8</i>	<i>103 %</i>	<i>70 - 130</i>			B4L0333	12/04/2014	<i>12/04/2014 00:10</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>119 %</i>	<i>70 - 130</i>			B4L0333	12/04/2014	<i>12/04/2014 00:10</i>	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15C (10-15) Bottom 12in

Lab ID: 4120041-11

Total Metals

Method: EPA 6010C

Analyst: SS

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	2100	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Selenium	2.0	1.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Cadmium	ND	0.64	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Chromium	39	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Arsenic	17	1.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Barium	320	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Silver	ND	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Copper	330	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Nickel	18	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Zinc	190	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Beryllium	ND	1.3	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Antimony	9.0	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Thallium	ND	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	
Vanadium	32	2.5	1	EPA 3050B	B4L0538	12/05/2014	12/08/2014 20:40	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	6700	64	1	EPA 3550C	B4L0404	12/04/2014	12/05/2014 18:29	2

Surrogate: Octacosane

128 %

50 - 150

B4L0404

12/04/2014

12/05/2014 18:29

2 C9-C28 Fuel Oil Range

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
PCB-1221	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
PCB-1232	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
PCB-1242	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
PCB-1248	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	

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Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15C (10-15) Bottom 12in

Lab ID: 4120041-11

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1254	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
PCB-1260	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
PCB-1268	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
PCB-1262	ND	0.25	1	EPA 3540C	B4L0312	12/03/2014	12/05/2014 15:19	
<i>Surrogate: TCMX</i>	<i>52.6 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 15:19</i>	
<i>Surrogate: DCB</i>	<i>74.7 %</i>	<i>50 - 150</i>			B4L0312	12/03/2014	<i>12/05/2014 15:19</i>	

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
1,3-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
n-Nitroso-di-n-propylamine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Pyridine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
n-Nitroso-dimethylamine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
bis(2-Chloroethyl)ether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Aniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2-Chlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
1,4-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Benzyl Alcohol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
1,2-Dichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
bis(2-Chloroisopropyl)ether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Hexachloroethane	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2-Methyl Phenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
3+4 Methyl Phenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Naphthalene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2-Nitrophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,4-Dichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Hexachlorobutadiene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
4-Chloro-3-methylphenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Nitrobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Isophorone	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,4-Dimethylphenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15C (10-15) Bottom 12in

Lab ID: 4120041-11

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethoxy)methane	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Benzoic Acid	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
1,2,4-Trichlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,6-Dichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
4-Chloroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
1,2,4,5-Tetrachlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2-Methyl Naphthalene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Acenaphthylene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Acenaphthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Dibenzofuran	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Fluorene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Hexachlorocyclopentadiene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,4,6-Trichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,4,5-Trichlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,4-Dinitrophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
4-Nitrophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2-Chloronaphthalene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2-Nitroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Dimethylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,6-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
4-Nitroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,4-Dinitrotoluene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
2,3,4,6-Tetrachlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
4-Chlorophenyl-phenylether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Diethylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Phenanthrene	1500	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Anthracene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Carbazole	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Fluoranthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Pyrene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
n-Nitrosodiphenylamine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Pentachlorophenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
3-Nitroaniline	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
4,6-Dinitro-2-methylphenol	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
1,2-Diphenylhydrazine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
4-Bromophenyl-phenylether	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Hexachlorobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Di-n-butylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Pentachloronitrobenzene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15C (10-15) Bottom 12in

Lab ID: 4120041-11

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Benzo[a]anthracene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Chrysene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Butylbenzylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
3,3-Dichlorobenzidine	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
bis(2-Ethylhexyl)phthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Di-n-octylphthalate	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Benzo[b]fluoranthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Benzo[k]fluoranthene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Benzo[a]pyrene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Indeno[1,2,3-cd]pyrene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Dibenz[a,h]anthracene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	
Benzo[g,h,i]perylene	ND	380	1	EPA 3545A	B4L0517	12/05/2014	12/09/2014 00:33	

<i>Surrogate: 2-Fluorophenol</i>	<i>57.8 %</i>	<i>30 - 130</i>			B4L0517	12/05/2014	<i>12/09/2014 00:33</i>	
<i>Surrogate: Phenol-d6</i>	<i>66.6 %</i>	<i>30 - 130</i>			B4L0517	12/05/2014	<i>12/09/2014 00:33</i>	
<i>Surrogate: Nitrobenzene-d5</i>	<i>98.1 %</i>	<i>30 - 130</i>			B4L0517	12/05/2014	<i>12/09/2014 00:33</i>	
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>69.3 %</i>	<i>30 - 130</i>			B4L0517	12/05/2014	<i>12/09/2014 00:33</i>	
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>73.0 %</i>	<i>30 - 130</i>			B4L0517	12/05/2014	<i>12/09/2014 00:33</i>	
<i>Surrogate: Terphenyl-d14</i>	<i>64.3 %</i>	<i>30 - 130</i>			B4L0517	12/05/2014	<i>12/09/2014 00:33</i>	

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	17	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Chloromethane	ND	11	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Vinyl Chloride	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	*C2
Bromomethane	ND	11	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	*C2
Chloroethane	ND	11	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	*C2
Trichlorofluoromethane	ND	45	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Acetone	ND	170	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	*F1*C1
Acrylonitrile	ND	8.9	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Trichlorotrifluoroethane	ND	45	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,1-Dichloroethene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Methylene Chloride	ND	56	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	*F2*C2

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15C (10-15) Bottom 12in

Lab ID: 4120041-11

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Carbon Disulfide	ND	11	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Methyl-t-Butyl Ether (MTBE)	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
trans-1,2-Dichloroethene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,1-Dichloroethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
2-Butanone (MEK)	ND	28	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
2,2-Dichloropropane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
cis-1,2-Dichloroethene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Chloroform	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Tetrahydrofuran	ND	28	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,1,1-Trichloroethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Carbon Tetrachloride	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,1-Dichloropropene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Benzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2-Dichloroethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Trichloroethene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2-Dichloropropane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Dibromomethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Bromodichloromethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Methyl Isobutyl Ketone	ND	28	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
cis-1,3-Dichloropropene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Toluene	21	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
trans-1,3-Dichloropropene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
2-Hexanone	ND	28	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,1,2-Trichloroethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Tetrachloroethene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,3-Dichloropropane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Dibromochloromethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2-Dibromoethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
trans-1,4-Dichloro-2-Butene	ND	28	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Chlorobenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,1,1,2-Tetrachloroethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Ethylbenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
m+p Xylenes	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
o-Xylene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Styrene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Bromoform	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Isopropylbenzene	27	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,1,2,2-Tetrachloroethane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Bromobenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID B-15C (10-15) Bottom 12in

Lab ID: 4120041-11

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
1,2,3-Trichloropropane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
n-Propylbenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
2-Chlorotoluene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
4-Chlorotoluene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,3,5-Trimethylbenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
tert-Butylbenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2,4-Trimethylbenzene	17	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
sec-Butylbenzene	190	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,3-Dichlorobenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
4-Isopropyltoluene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,4-Dichlorobenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2-Dichlorobenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
n-Butylbenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2-Dibromo-3-Chloropropane	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2,4-Trichlorobenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Hexachlorobutadiene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
Naphthalene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
1,2,3-Trichlorobenzene	ND	5.6	1.75	EPA 5035A-L	B4L0333	12/04/2014	12/04/2014 00:46	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>84.8 %</i>	<i>70 - 130</i>			B4L0333	12/04/2014	<i>12/04/2014 00:46</i>	
<i>Surrogate: Toluene-d8</i>	<i>97.7 %</i>	<i>70 - 130</i>			B4L0333	12/04/2014	<i>12/04/2014 00:46</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>88.2 %</i>	<i>70 - 130</i>			B4L0333	12/04/2014	<i>12/04/2014 00:46</i>	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

QUALITY CONTROL SECTION

Batch B4L0312 - EPA 8082A

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0312-BLK1)					Prepared: 12/3/2014 Analyzed: 12/4/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
<i>Surrogate: TCMX</i>					86.8	50 - 150			
<i>Surrogate: DCB</i>					79.1	50 - 150			
LCS (B4L0312-BS1)					Prepared: 12/3/2014 Analyzed: 12/4/2014				
PCB-1016	0.643	0.20	1.000		64.3	50 - 150			
PCB-1260	0.658	0.20	1.000		65.8	50 - 150			
<i>Surrogate: TCMX</i>					75.5	50 - 150			
<i>Surrogate: DCB</i>					68.6	50 - 150			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0333 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0333-BLK1)					Prepared: 12/3/2014 Analyzed: 12/3/2014				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
Blank (B4L0333-BLK1) - Continued					Prepared: 12/3/2014 Analyzed: 12/3/2014				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
<i>Surrogate: 1,2-Dichloroethane-d4</i>					122	70 - 130			
<i>Surrogate: Toluene-d8</i>					99.5	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>					122	70 - 130			
LCS (B4L0333-BS1)					Prepared: 12/3/2014 Analyzed: 12/3/2014				
Dichlorodifluoromethane	62.2	7.5	50.000		124	70 - 130			
Chloromethane	63.1	5.0	50.000		126	70 - 130			
Vinyl Chloride	62.5	2.5	50.000		125	70 - 130			
Bromomethane	61.0	5.0	50.000		122	70 - 130			
Chloroethane	56.6	5.0	50.000		113	70 - 130			
Trichlorofluoromethane	52.0	20	50.000		104	70 - 130			
Acetone	ND	75	100.000			70 - 130			L
Acrylonitrile	57.3	4.0	50.000		115	70 - 130			
Trichlorotrifluoroethane	56.6	20	50.000		113	70 - 130			
1,1-Dichloroethene	59.5	2.5	50.000		119	70 - 130			
Methylene Chloride	66.3	25	50.000		133	70 - 130			H
Carbon Disulfide	62.0	5.0	50.000		124	70 - 130			
Methyl-t-Butyl Ether (MTBE)	65.2	2.5	50.000		130	70 - 130			
trans-1,2-Dichloroethene	57.6	2.5	50.000		115	70 - 130			
1,1-Dichloroethane	59.5	2.5	50.000		119	70 - 130			
2-Butanone (MEK)	103	13	100.000		103	70 - 130			
2,2-Dichloropropane	53.0	2.5	50.000		106	70 - 130			
cis-1,2-Dichloroethene	58.4	2.5	50.000		117	70 - 130			
Chloroform	60.2	2.5	50.000		120	70 - 130			
Tetrahydrofuran	57.9	13	50.000		116	70 - 130			
1,1,1-Trichloroethane	46.4	2.5	50.000		92.8	70 - 130			
Carbon Tetrachloride	45.3	2.5	50.000		90.6	70 - 130			
1,1-Dichloropropene	46.7	2.5	50.000		93.5	70 - 130			
Benzene	51.9	2.5	50.000		104	70 - 130			
1,2-Dichloroethane	53.3	2.5	50.000		107	70 - 130			
Trichloroethene	46.5	2.5	50.000		93.0	70 - 130			
1,2-Dichloropropane	54.7	2.5	50.000		109	70 - 130			
Dibromomethane	55.7	2.5	50.000		111	70 - 130			
Bromodichloromethane	53.1	2.5	50.000		106	70 - 130			
Methyl Isobutyl Ketone	104	13	100.000		104	70 - 130			
cis-1,3-Dichloropropene	54.2	2.5	50.000		108	70 - 130			
Toluene	49.9	2.5	50.000		99.7	70 - 130			

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L0333-BS1) - Continued					Prepared: 12/3/2014 Analyzed: 12/3/2014				
trans-1,3-Dichloropropene	53.0	2.5	50.000		106	70 - 130			
2-Hexanone	96.1	13	100.000		96.1	70 - 130			
1,1,2-Trichloroethane	52.6	2.5	50.000		105	70 - 130			
Tetrachloroethene	45.4	2.5	50.000		90.8	70 - 130			
1,3-Dichloropropane	53.3	2.5	50.000		107	70 - 130			
Dibromochloromethane	51.8	2.5	50.000		104	70 - 130			
1,2-Dibromoethane	49.8	2.5	50.000		99.6	70 - 130			
trans-1,4-Dichloro-2-Butene	46.1	13	50.000		92.2	70 - 130			
Chlorobenzene	46.9	2.5	50.000		93.7	70 - 130			
1,1,1,2-Tetrachloroethane	49.1	2.5	50.000		98.2	70 - 130			
Ethylbenzene	45.4	2.5	50.000		90.9	70 - 130			
m+p Xylenes	90.7	2.5	100.000		90.7	70 - 130			
o-Xylene	46.1	2.5	50.000		92.1	70 - 130			
Styrene	47.8	2.5	50.000		95.5	70 - 130			
Bromoform	50.7	2.5	50.000		101	70 - 130			
Isopropylbenzene	43.7	2.5	50.000		87.4	70 - 130			
1,1,2,2-Tetrachloroethane	50.8	2.5	50.000		102	70 - 130			
Bromobenzene	48.6	2.5	50.000		97.2	70 - 130			
1,2,3-Trichloropropane	45.8	2.5	50.000		91.6	70 - 130			
n-Propylbenzene	44.9	2.5	50.000		89.8	70 - 130			
2-Chlorotoluene	37.9	2.5	50.000		75.7	70 - 130			
4-Chlorotoluene	42.1	2.5	50.000		84.1	70 - 130			
1,3,5-Trimethylbenzene	45.9	2.5	50.000		91.9	70 - 130			
tert-Butylbenzene	46.2	2.5	50.000		92.4	70 - 130			
1,2,4-Trimethylbenzene	47.8	2.5	50.000		95.6	70 - 130			
sec-Butylbenzene	43.6	2.5	50.000		87.2	70 - 130			
1,3-Dichlorobenzene	48.3	2.5	50.000		96.6	70 - 130			
4-Isopropyltoluene	44.8	2.5	50.000		89.6	70 - 130			
1,4-Dichlorobenzene	47.9	2.5	50.000		95.9	70 - 130			
1,2-Dichlorobenzene	49.8	2.5	50.000		99.5	70 - 130			
n-Butylbenzene	44.7	2.5	50.000		89.5	70 - 130			
1,2-Dibromo-3-Chloropropane	46.3	2.5	50.000		92.6	70 - 130			
1,2,4-Trichlorobenzene	49.9	2.5	50.000		99.7	70 - 130			
Hexachlorobutadiene	45.7	2.5	50.000		91.3	70 - 130			
Naphthalene	46.3	2.5	50.000		92.6	70 - 130			
1,2,3-Trichlorobenzene	48.6	2.5	50.000		97.2	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>122</i>	<i>70 - 130</i>			
<i>Surrogate: Toluene-d8</i>					<i>102</i>	<i>70 - 130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>99.6</i>	<i>70 - 130</i>			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0404 - CT-ETPH

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0404-BLK1)					Prepared: 12/4/2014 Analyzed: 12/5/2014				
ETPH	ND	50							
<i>Surrogate: Octacosane</i>					99.9	50 - 150			
LCS (B4L0404-BS1)					Prepared: 12/4/2014 Analyzed: 12/5/2014				
ETPH	1630	50	1,500.000		109	60 - 120			
<i>Surrogate: Octacosane</i>					102	50 - 150			
Duplicate (B4L0404-DUP1)		Source: 4120041-10			Prepared: 12/4/2014 Analyzed: 12/5/2014				
ETPH	ND	61		ND				30	
<i>Surrogate: Octacosane</i>					112	50 - 150			
Matrix Spike (B4L0404-MS1)		Source: 4120041-10			Prepared: 12/4/2014 Analyzed: 12/5/2014				
ETPH	2010	61	1,821.721	ND	110	50 - 150			
<i>Surrogate: Octacosane</i>					116	50 - 150			
Matrix Spike Dup (B4L0404-MSD1)		Source: 4120041-10			Prepared: 12/4/2014 Analyzed: 12/5/2014				
ETPH	1860	61	1,821.721	ND	102	50 - 150	7.51	30	
<i>Surrogate: Octacosane</i>					120	50 - 150			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0425 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0425-BLK1)									Prepared: 12/4/2014 Analyzed: 12/4/2014
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

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Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0425-BLK1) - Continued					Prepared: 12/4/2014 Analyzed: 12/4/2014				
2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							
<i>Surrogate: 1,2-Dichloroethane-d4</i>					102	70 - 130			
<i>Surrogate: Toluene-d8</i>					95.4	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>					103	70 - 130			
LCS (B4L0425-BS1)					Prepared: 12/4/2014 Analyzed: 12/4/2014				
Dichlorodifluoromethane	115	7.5	50.000		230	70 - 130			H
Chloromethane	55.8	5.0	50.000		112	70 - 130			
Vinyl Chloride	67.4	2.5	50.000		135	70 - 130			H
Bromomethane	50.3	5.0	50.000		101	70 - 130			
Chloroethane	45.2	5.0	50.000		90.3	70 - 130			
Trichlorofluoromethane	49.5	20	50.000		99.0	70 - 130			
Acetone	86.9	75	100.000		86.9	70 - 130			
Acrylonitrile	45.8	4.0	50.000		91.6	70 - 130			
Trichlorotrifluoroethane	46.7	20	50.000		93.3	70 - 130			
1,1-Dichloroethene	51.6	2.5	50.000		103	70 - 130			
Methylene Chloride	66.1	25	50.000		132	70 - 130			H
Carbon Disulfide	54.7	5.0	50.000		109	70 - 130			
Methyl-t-Butyl Ether (MTBE)	39.9	2.5	50.000		79.8	70 - 130			
trans-1,2-Dichloroethene	43.7	2.5	50.000		87.4	70 - 130			
1,1-Dichloroethane	43.3	2.5	50.000		86.6	70 - 130			
2-Butanone (MEK)	102	13	100.000		102	70 - 130			
2,2-Dichloropropane	44.3	2.5	50.000		88.5	70 - 130			
cis-1,2-Dichloroethene	45.5	2.5	50.000		91.0	70 - 130			
Chloroform	49.0	2.5	50.000		98.0	70 - 130			
Tetrahydrofuran	35.7	13	50.000		71.3	70 - 130			
1,1,1-Trichloroethane	46.6	2.5	50.000		93.3	70 - 130			
Carbon Tetrachloride	49.3	2.5	50.000		98.5	70 - 130			
1,1-Dichloropropene	46.7	2.5	50.000		93.4	70 - 130			
Benzene	51.0	2.5	50.000		102	70 - 130			
1,2-Dichloroethane	47.6	2.5	50.000		95.1	70 - 130			
Trichloroethene	58.5	2.5	50.000		117	70 - 130			
1,2-Dichloropropane	49.9	2.5	50.000		99.9	70 - 130			
Dibromomethane	62.6	2.5	50.000		125	70 - 130			
Bromodichloromethane	51.1	2.5	50.000		102	70 - 130			
Methyl Isobutyl Ketone	84.0	13	100.000		84.0	70 - 130			
cis-1,3-Dichloropropene	49.6	2.5	50.000		99.1	70 - 130			
Toluene	54.3	2.5	50.000		109	70 - 130			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L0425-BS1) - Continued					Prepared: 12/4/2014 Analyzed: 12/4/2014				
trans-1,3-Dichloropropene	49.2	2.5	50.000		98.4	70 - 130			
2-Hexanone	86.0	13	100.000		86.0	70 - 130			
1,1,2-Trichloroethane	55.5	2.5	50.000		111	70 - 130			
Tetrachloroethene	60.5	2.5	50.000		121	70 - 130			
1,3-Dichloropropane	51.7	2.5	50.000		103	70 - 130			
Dibromochloromethane	55.6	2.5	50.000		111	70 - 130			
1,2-Dibromoethane	54.0	2.5	50.000		108	70 - 130			
trans-1,4-Dichloro-2-Butene	50.2	13	50.000		100	70 - 130			
Chlorobenzene	57.4	2.5	50.000		115	70 - 130			
1,1,1,2-Tetrachloroethane	54.7	2.5	50.000		109	70 - 130			
Ethylbenzene	52.7	2.5	50.000		105	70 - 130			
m+p Xylenes	110	2.5	100.000		110	70 - 130			
o-Xylene	51.7	2.5	50.000		103	70 - 130			
Styrene	54.1	2.5	50.000		108	70 - 130			
Bromoform	56.0	2.5	50.000		112	70 - 130			
Isopropylbenzene	52.6	2.5	50.000		105	70 - 130			
1,1,2,2-Tetrachloroethane	51.4	2.5	50.000		103	70 - 130			
Bromobenzene	47.3	2.5	50.000		94.6	70 - 130			
1,2,3-Trichloropropane	50.9	2.5	50.000		102	70 - 130			
n-Propylbenzene	50.2	2.5	50.000		100	70 - 130			
2-Chlorotoluene	47.6	2.5	50.000		95.3	70 - 130			
4-Chlorotoluene	60.0	2.5	50.000		120	70 - 130			
1,3,5-Trimethylbenzene	48.7	2.5	50.000		97.4	70 - 130			
tert-Butylbenzene	48.1	2.5	50.000		96.1	70 - 130			
1,2,4-Trimethylbenzene	49.6	2.5	50.000		99.2	70 - 130			
sec-Butylbenzene	48.5	2.5	50.000		96.9	70 - 130			
1,3-Dichlorobenzene	54.1	2.5	50.000		108	70 - 130			
4-Isopropyltoluene	48.7	2.5	50.000		97.3	70 - 130			
1,4-Dichlorobenzene	53.9	2.5	50.000		108	70 - 130			
1,2-Dichlorobenzene	52.3	2.5	50.000		105	70 - 130			
n-Butylbenzene	48.7	2.5	50.000		97.4	70 - 130			
1,2-Dibromo-3-Chloropropane	47.9	2.5	50.000		95.8	70 - 130			
1,2,4-Trichlorobenzene	57.4	2.5	50.000		115	70 - 130			
Hexachlorobutadiene	51.4	2.5	50.000		103	70 - 130			
Naphthalene	51.9	2.5	50.000		104	70 - 130			
1,2,3-Trichlorobenzene	57.4	2.5	50.000		115	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>101</i>	<i>70 - 130</i>			
<i>Surrogate: Toluene-d8</i>					<i>97.7</i>	<i>70 - 130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>109</i>	<i>70 - 130</i>			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0429 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0429-BLK1)									Prepared: 12/4/2014 Analyzed: 12/5/2014
Phenol	ND	300							
1,3-Dichlorobenzene	ND	300							
n-Nitroso-di-n-propylamine	ND	300							
Pyridine	ND	300							
n-Nitroso-dimethylamine	ND	300							
bis(2-Chloroethyl)ether	ND	300							
Aniline	ND	300							
2-Chlorophenol	ND	300							
1,4-Dichlorobenzene	ND	300							
Benzyl Alcohol	ND	300							
1,2-Dichlorobenzene	ND	300							
bis(2-Chloroisopropyl)ether	ND	300							
Hexachloroethane	ND	300							
2-Methyl Phenol	ND	300							
3+4 Methyl Phenol	ND	300							
Naphthalene	ND	300							
2-Nitrophenol	ND	300							
2,4-Dichlorophenol	ND	300							
Hexachlorobutadiene	ND	300							
4-Chloro-3-methylphenol	ND	300							
Nitrobenzene	ND	300							
Isophorone	ND	300							
2,4-Dimethylphenol	ND	300							
bis(2-Chloroethoxy)methane	ND	300							
Benzoic Acid	ND	300							
1,2,4-Trichlorobenzene	ND	300							
2,6-Dichlorophenol	ND	300							
4-Chloroaniline	ND	300							
1,2,4,5-Tetrachlorobenzene	ND	300							
2-Methyl Naphthalene	ND	300							
Acenaphthylene	ND	300							
Acenaphthene	ND	300							
Dibenzofuran	ND	300							
Fluorene	ND	300							
Hexachlorocyclopentadiene	ND	300							
2,4,6-Trichlorophenol	ND	300							
2,4,5-Trichlorophenol	ND	300							
2,4-Dinitrophenol	ND	300							
4-Nitrophenol	ND	300							
2-Chloronaphthalene	ND	300							
2-Nitroaniline	ND	300							
Dimethylphthalate	ND	300							
2,6-Dinitrotoluene	ND	300							
4-Nitroaniline	ND	300							
2,4-Dinitrotoluene	ND	300							
2,3,4,6-Tetrachlorophenol	ND	300							
4-Chlorophenyl-phenylether	ND	300							
Diethylphthalate	ND	300							
Phenanthrene	ND	300							
Anthracene	ND	300							
Carbazole	ND	300							
Fluoranthene	ND	300							

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0429-BLK1) - Continued					Prepared: 12/4/2014 Analyzed: 12/5/2014				
Pyrene	ND	300							
n-Nitrosodiphenylamine	ND	300							
Pentachlorophenol	ND	300							
3-Nitroaniline	ND	300							
4,6-Dinitro-2-methylphenol	ND	300							
1,2-Diphenylhydrazine	ND	300							
4-Bromophenyl-phenylether	ND	300							
Hexachlorobenzene	ND	300							
Di-n-butylphthalate	ND	300							
Pentachloronitrobenzene	ND	300							
Benzo[a]anthracene	ND	300							
Chrysene	ND	300							
Butylbenzylphthalate	ND	300							
3,3-Dichlorobenzidine	ND	300							
bis(2-Ethylhexyl)phthalate	ND	300							
Di-n-octylphthalate	ND	300							
Benzo[b]fluoranthene	ND	300							
Benzo[k]fluoranthene	ND	300							
Benzo[a]pyrene	ND	300							
Indeno[1,2,3-cd]pyrene	ND	300							
Dibenz[a,h]anthracene	ND	300							
Benzo[g,h,i]perylene	ND	300							

Surrogate: 2-Fluorophenol

56.1 30 - 130

Surrogate: Phenol-d6

63.3 30 - 130

Surrogate: Nitrobenzene-d5

71.0 30 - 130

Surrogate: 2-Fluorobiphenyl

61.4 30 - 130

Surrogate: 2,4,6-Tribromophenol

59.9 30 - 130

Surrogate: Terphenyl-d14

67.0 30 - 130

LCS (B4L0429-BS1)

Prepared: 12/4/2014 Analyzed: 12/5/2014

Phenol	2270	300	4,000.000	56.7	30 - 130
1,3-Dichlorobenzene	2530	300	4,000.000	63.3	40 - 140
n-Nitroso-di-n-propylamine	2100	300	4,000.000	52.5	40 - 140
Pyridine	1690	300	4,000.000	42.3	40 - 140
n-Nitroso-dimethylamine	1900	300	4,000.000	47.4	40 - 140
bis(2-Chloroethyl)ether	1810	300	4,000.000	45.2	40 - 140
Aniline	2040	300	4,000.000	51.0	40 - 140
2-Chlorophenol	2720	300	4,000.000	68.1	30 - 130
1,4-Dichlorobenzene	2500	300	4,000.000	62.5	40 - 140
Benzyl Alcohol	1990	300	4,000.000	49.9	30 - 130
1,2-Dichlorobenzene	2280	300	4,000.000	57.0	40 - 140
bis(2-Chloroisopropyl)ether	2210	300	4,000.000	55.3	40 - 140
Hexachloroethane	2090	300	4,000.000	52.3	40 - 140
2-Methyl Phenol	2340	300	4,000.000	58.5	30 - 130
3+4 Methyl Phenol	2420	300	4,000.000	60.5	30 - 130
Naphthalene	2710	300	4,000.000	67.7	40 - 140
2-Nitrophenol	3590	300	4,000.000	89.8	30 - 130
2,4-Dichlorophenol	3000	300	4,000.000	74.9	30 - 130
Hexachlorobutadiene	2780	300	4,000.000	69.6	40 - 140
4-Chloro-3-methylphenol	3090	300	4,000.000	77.1	30 - 130
Nitrobenzene	2620	300	4,000.000	65.6	40 - 140
Isophorone	2600	300	4,000.000	65.0	40 - 140
2,4-Dimethylphenol	2930	300	4,000.000	73.4	30 - 130

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L0429-BS1) - Continued					Prepared: 12/4/2014 Analyzed: 12/5/2014				
bis(2-Chloroethoxy)methane	3010	300	4,000.000		75.2	40 - 140			
Benzoic Acid	1870	300	4,000.000		46.7	30 - 130			
1,2,4-Trichlorobenzene	2770	300	4,000.000		69.2	40 - 140			
2,6-Dichlorophenol	2870	300	4,000.000		71.7	30 - 130			
4-Chloroaniline	2750	300	4,000.000		68.8	40 - 140			
1,2,4,5-Tetrachlorobenzene	2860	300	4,000.000		71.4	40 - 140			
2-Methyl Naphthalene	2750	300	4,000.000		68.6	40 - 140			
Acenaphthylene	3010	300	4,000.000		75.1	40 - 140			
Acenaphthene	2880	300	4,000.000		72.0	40 - 140			
Dibenzofuran	2880	300	4,000.000		72.0	40 - 140			
Fluorene	2980	300	4,000.000		74.4	40 - 140			
Hexachlorocyclopentadiene	2230	300	4,000.000		55.6	40 - 140			
2,4,6-Trichlorophenol	2810	300	4,000.000		70.3	30 - 130			
2,4,5-Trichlorophenol	2830	300	4,000.000		70.8	30 - 130			
2,4-Dinitrophenol	1690	300	4,000.000		42.2	30 - 130			
4-Nitrophenol	3110	300	4,000.000		77.8	30 - 130			
2-Chloronaphthalene	2840	300	4,000.000		71.0	40 - 140			
2-Nitroaniline	3090	300	4,000.000		77.2	40 - 140			
Dimethylphthalate	3170	300	4,000.000		79.2	40 - 140			
2,6-Dinitrotoluene	3470	300	4,000.000		86.7	40 - 140			
4-Nitroaniline	2910	300	4,000.000		72.7	40 - 140			
2,4-Dinitrotoluene	3110	300	4,000.000		77.9	40 - 140			
2,3,4,6-Tetrachlorophenol	2990	300	4,000.000		74.6	30 - 130			
4-Chlorophenyl-phenylether	2990	300	4,000.000		74.8	40 - 140			
Diethylphthalate	2930	300	4,000.000		73.3	40 - 140			
Phenanthrene	2890	300	4,000.000		72.4	40 - 140			
Anthracene	3250	300	4,000.000		81.3	40 - 140			
Carbazole	3870	300	4,000.000		96.8	40 - 140			
Fluoranthene	2850	300	4,000.000		71.3	40 - 140			
Pyrene	2790	300	4,000.000		69.8	40 - 140			
n-Nitrosodiphenylamine	3490	300	4,000.000		87.2	40 - 140			
Pentachlorophenol	2830	300	4,000.000		70.8	30 - 130			
3-Nitroaniline	3670	300	4,000.000		91.8	40 - 140			
4,6-Dinitro-2-methylphenol	2180	300	4,000.000		54.6	30 - 130			
1,2-Diphenylhydrazine	2680	300	4,000.000		67.0	40 - 140			
4-Bromophenyl-phenylether	2850	300	4,000.000		71.1	40 - 140			
Hexachlorobenzene	2820	300	4,000.000		70.4	40 - 140			
Di-n-butylphthalate	2830	300	4,000.000		70.7	40 - 140			
Pentachloronitrobenzene	2970	300	4,000.000		74.1	40 - 140			
Benzo[a]anthracene	2900	300	4,000.000		72.6	40 - 140			
Chrysene	3030	300	4,000.000		75.8	40 - 140			
Butylbenzylphthalate	2870	300	4,000.000		71.7	40 - 140			
3,3-Dichlorobenzidine	2440	300	4,000.000		61.1	40 - 140			
bis(2-Ethylhexyl)phthalate	2930	300	4,000.000		73.3	40 - 140			
Di-n-octylphthalate	3080	300	4,000.000		77.0	40 - 140			
Benzo[b]fluoranthene	3870	300	4,000.000		96.8	40 - 140			
Benzo[k]fluoranthene	3640	300	4,000.000		91.0	40 - 140			
Benzo[a]pyrene	3550	300	4,000.000		88.8	40 - 140			
Indeno[1,2,3-cd]pyrene	4950	300	4,000.000		124	40 - 140			
Dibenz[a,h]anthracene	5190	300	4,000.000		130	40 - 140			
Benzo[g,h,i]perylene	5180	300	4,000.000		130	40 - 140			
Surrogate: 2-Fluorophenol					57.7	30 - 130			
Surrogate: Phenol-d6					56.3	30 - 130			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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LCS (B4L0429-BS1) - Continued

Prepared: 12/4/2014 Analyzed: 12/5/2014

Surrogate: Nitrobenzene-d5

62.7 30 - 130

Surrogate: 2-Fluorobiphenyl

67.1 30 - 130

Surrogate: 2,4,6-Tribromophenol

77.6 30 - 130

Surrogate: Terphenyl-d14

69.0 30 - 130

Matrix Spike (B4L0429-MS1)

Source: 4120041-08

Prepared: 12/4/2014 Analyzed: 12/8/2014

Phenol	2680	350	4,732.620	ND	56.7	30 - 130			
1,3-Dichlorobenzene	2840	350	4,732.620	ND	59.9	40 - 140			
n-Nitroso-di-n-propylamine	2700	350	4,732.620	ND	57.1	40 - 140			
Pyridine	1930	350	4,732.620	ND	40.9	40 - 140			
n-Nitroso-dimethylamine	2670	350	4,732.620	ND	56.3	40 - 140			
bis(2-Chloroethyl)ether	2380	350	4,732.620	ND	50.4	40 - 140			
Aniline	883	350	4,732.620	ND	18.7	40 - 140			L
2-Chlorophenol	2850	350	4,732.620	ND	60.3	30 - 130			
1,4-Dichlorobenzene	2990	350	4,732.620	ND	63.2	40 - 140			
Benzyl Alcohol	1070	350	4,732.620	ND	22.6	30 - 130			L
1,2-Dichlorobenzene	3050	350	4,732.620	ND	64.4	40 - 140			
bis(2-Chloroisopropyl)ether	2990	350	4,732.620	ND	63.2	40 - 140			
Hexachloroethane	2880	350	4,732.620	ND	60.9	40 - 140			
2-Methyl Phenol	2260	350	4,732.620	ND	47.8	30 - 130			
3+4 Methyl Phenol	2400	350	4,732.620	ND	50.6	30 - 130			
Naphthalene	3230	350	4,732.620	438	59.0	40 - 140			
2-Nitrophenol	3400	350	4,732.620	ND	71.8	30 - 130			
2,4-Dichlorophenol	3150	350	4,732.620	ND	66.5	30 - 130			
Hexachlorobutadiene	3280	350	4,732.620	ND	69.2	40 - 140			
4-Chloro-3-methylphenol	2940	350	4,732.620	ND	62.1	30 - 130			
Nitrobenzene	2860	350	4,732.620	ND	60.5	40 - 140			
Isophorone	2870	350	4,732.620	ND	60.5	40 - 140			
2,4-Dimethylphenol	1550	350	4,732.620	ND	32.7	30 - 130			
bis(2-Chloroethoxy)methane	3190	350	4,732.620	ND	67.3	40 - 140			
Benzoic Acid	752	350	4,732.620	ND	15.9	30 - 130			L
1,2,4-Trichlorobenzene	3170	350	4,732.620	ND	66.9	40 - 140			
2,6-Dichlorophenol	2730	350	4,732.620	ND	57.8	30 - 130			
4-Chloroaniline	2280	350	4,732.620	ND	48.1	40 - 140			
1,2,4,5-Tetrachlorobenzene	3230	350	4,732.620	ND	68.2	40 - 140			
2-Methyl Naphthalene	3250	350	4,732.620	ND	68.7	40 - 140			
Acenaphthylene	3020	350	4,732.620	ND	63.8	40 - 140			
Acenaphthene	3300	350	4,732.620	ND	69.7	40 - 140			
Dibenzofuran	3300	350	4,732.620	ND	69.6	40 - 140			
Fluorene	3380	350	4,732.620	ND	71.5	40 - 140			
Hexachlorocyclopentadiene	2320	350	4,732.620	ND	48.9	40 - 140			
2,4,6-Trichlorophenol	2670	350	4,732.620	ND	56.3	30 - 130			
2,4,5-Trichlorophenol	3160	350	4,732.620	ND	66.7	30 - 130			
2,4-Dinitrophenol	540	350	4,732.620	ND	11.4	30 - 130			L
4-Nitrophenol	3110	350	4,732.620	ND	65.7	30 - 130			
2-Chloronaphthalene	3190	350	4,732.620	ND	67.5	40 - 140			
2-Nitroaniline	3260	350	4,732.620	ND	69.0	40 - 140			
Dimethylphthalate	3340	350	4,732.620	ND	70.5	40 - 140			
2,6-Dinitrotoluene	3520	350	4,732.620	ND	74.3	40 - 140			
4-Nitroaniline	2160	350	4,732.620	ND	45.5	40 - 140			
2,4-Dinitrotoluene	3400	350	4,732.620	ND	71.9	40 - 140			
2,3,4,6-Tetrachlorophenol	2890	350	4,732.620	ND	61.1	30 - 130			
4-Chlorophenyl-phenylether	3440	350	4,732.620	ND	72.7	40 - 140			

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike (B4L0429-MS1) - Continued			Source: 4120041-08		Prepared: 12/4/2014 Analyzed: 12/8/2014				
Diethylphthalate	3350	350	4,732.620	ND	70.8	40 - 140			
Phenanthrene	4120	350	4,732.620	1470	55.8	40 - 140			
Anthracene	3010	350	4,732.620	ND	63.6	40 - 140			
Carbazole	2560	350	4,732.620	ND	54.1	40 - 140			
Fluoranthene	3070	350	4,732.620	1350	36.5	40 - 140			L
Pyrene	2920	350	4,732.620	1140	37.5	40 - 140			L
n-Nitrosodiphenylamine	3680	350	4,732.620	ND	77.7	40 - 140			
Pentachlorophenol	2660	350	4,732.620	ND	56.3	30 - 130			
3-Nitroaniline	3670	350	4,732.620	ND	77.5	40 - 140			
4,6-Dinitro-2-methylphenol	1810	350	4,732.620	ND	38.3	30 - 130			
1,2-Diphenylhydrazine	2850	350	4,732.620	ND	60.3	40 - 140			
4-Bromophenyl-phenylether	3420	350	4,732.620	ND	72.3	40 - 140			
Hexachlorobenzene	3290	350	4,732.620	ND	69.4	40 - 140			
Di-n-butylphthalate	3270	350	4,732.620	ND	69.2	40 - 140			
Pentachloronitrobenzene	3990	350	4,732.620	ND	84.3	40 - 140			
Benzo[a]anthracene	3830	350	4,732.620	902	61.9	40 - 140			
Chrysene	3810	350	4,732.620	955	60.4	40 - 140			
Butylbenzylphthalate	3320	350	4,732.620	ND	70.2	40 - 140			
3,3-Dichlorobenzidine	1060	350	4,732.620	ND	22.3	40 - 140			L
bis(2-Ethylhexyl)phthalate	3600	350	4,732.620	ND	76.1	40 - 140			
Di-n-octylphthalate	3580	350	4,732.620	ND	75.7	40 - 140			
Benzo[b]fluoranthene	4130	350	4,732.620	766	71.0	40 - 140			
Benzo[k]fluoranthene	3670	350	4,732.620	737	61.9	40 - 140			
Benzo[a]pyrene	3980	350	4,732.620	889	65.3	40 - 140			
Indeno[1,2,3-cd]pyrene	5910	350	4,732.620	744	109	40 - 140			
Dibenz[a,h]anthracene	6480	350	4,732.620	ND	137	40 - 140			
Benzo[g,h,i]perylene	5660	350	4,732.620	850	102	40 - 140			
<i>Surrogate: 2-Fluorophenol</i>					63.8	30 - 130			
<i>Surrogate: Phenol-d6</i>					65.1	30 - 130			
<i>Surrogate: Nitrobenzene-d5</i>					60.1	30 - 130			
<i>Surrogate: 2-Fluorobiphenyl</i>					67.4	30 - 130			
<i>Surrogate: 2,4,6-Tribromophenol</i>					67.7	30 - 130			
<i>Surrogate: Terphenyl-d14</i>					68.2	30 - 130			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0507 - EPA 7471B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0507-BLK1)									Prepared: 12/5/2014 Analyzed: 12/5/2014
Mercury	ND	0.20							
LCS (B4L0507-BS1)									Prepared: 12/5/2014 Analyzed: 12/5/2014
Mercury	2.30	0.20	2.500		91.8	80 - 120			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0517 - EPA 8270D

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0517-BLK1)					Prepared: 12/5/2014 Analyzed: 12/8/2014				
Phenol	ND	300							
1,3-Dichlorobenzene	ND	300							
n-Nitroso-di-n-propylamine	ND	300							
Pyridine	ND	300							
n-Nitroso-dimethylamine	ND	300							
bis(2-Chloroethyl)ether	ND	300							
Aniline	ND	300							
2-Chlorophenol	ND	300							
1,4-Dichlorobenzene	ND	300							
Benzyl Alcohol	ND	300							
1,2-Dichlorobenzene	ND	300							
bis(2-Chloroisopropyl)ether	ND	300							
Hexachloroethane	ND	300							
2-Methyl Phenol	ND	300							
3+4 Methyl Phenol	ND	300							
Naphthalene	ND	300							
2-Nitrophenol	ND	300							
2,4-Dichlorophenol	ND	300							
Hexachlorobutadiene	ND	300							
4-Chloro-3-methylphenol	ND	300							
Nitrobenzene	ND	300							
Isophorone	ND	300							
2,4-Dimethylphenol	ND	300							
bis(2-Chloroethoxy)methane	ND	300							
Benzoic Acid	ND	300							
1,2,4-Trichlorobenzene	ND	300							
2,6-Dichlorophenol	ND	300							
4-Chloroaniline	ND	300							
1,2,4,5-Tetrachlorobenzene	ND	300							
2-Methyl Naphthalene	ND	300							
Acenaphthylene	ND	300							
Acenaphthene	ND	300							
Dibenzofuran	ND	300							
Fluorene	ND	300							
Hexachlorocyclopentadiene	ND	300							
2,4,6-Trichlorophenol	ND	300							
2,4,5-Trichlorophenol	ND	300							
2,4-Dinitrophenol	ND	300							
4-Nitrophenol	ND	300							
2-Chloronaphthalene	ND	300							
2-Nitroaniline	ND	300							
Dimethylphthalate	ND	300							
2,6-Dinitrotoluene	ND	300							
4-Nitroaniline	ND	300							
2,4-Dinitrotoluene	ND	300							
2,3,4,6-Tetrachlorophenol	ND	300							
4-Chlorophenyl-phenylether	ND	300							
Diethylphthalate	ND	300							
Phenanthrene	ND	300							
Anthracene	ND	300							
Carbazole	ND	300							
Fluoranthene	ND	300							

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0517-BLK1) - Continued					Prepared: 12/5/2014 Analyzed: 12/8/2014				
Pyrene	ND	300							
n-Nitrosodiphenylamine	ND	300							
Pentachlorophenol	ND	300							
3-Nitroaniline	ND	300							
4,6-Dinitro-2-methylphenol	ND	300							
1,2-Diphenylhydrazine	ND	300							
4-Bromophenyl-phenylether	ND	300							
Hexachlorobenzene	ND	300							
Di-n-butylphthalate	ND	300							
Pentachloronitrobenzene	ND	300							
Benzo[a]anthracene	ND	300							
Chrysene	ND	300							
Butylbenzylphthalate	ND	300							
3,3-Dichlorobenzidine	ND	300							
bis(2-Ethylhexyl)phthalate	ND	300							
Di-n-octylphthalate	ND	300							
Benzo[b]fluoranthene	ND	300							
Benzo[k]fluoranthene	ND	300							
Benzo[a]pyrene	ND	300							
Indeno[1,2,3-cd]pyrene	ND	300							
Dibenz[a,h]anthracene	ND	300							
Benzo[g,h,i]perylene	ND	300							

Surrogate: 2-Fluorophenol

80.5 30 - 130

Surrogate: Phenol-d6

75.4 30 - 130

Surrogate: Nitrobenzene-d5

75.1 30 - 130

Surrogate: 2-Fluorobiphenyl

69.3 30 - 130

Surrogate: 2,4,6-Tribromophenol

81.5 30 - 130

Surrogate: Terphenyl-d14

80.3 30 - 130

LCS (B4L0517-BS1)

Prepared: 12/5/2014 Analyzed: 12/8/2014

Phenol	3140	300	4,000.000		78.5	30 - 130			
1,3-Dichlorobenzene	3130	300	4,000.000		78.2	40 - 140			
n-Nitroso-di-n-propylamine	2830	300	4,000.000		70.7	40 - 140			
Pyridine	2200	300	4,000.000		55.1	40 - 140			
n-Nitroso-dimethylamine	3070	300	4,000.000		76.7	40 - 140			
bis(2-Chloroethyl)ether	2540	300	4,000.000		63.6	40 - 140			
Aniline	3170	300	4,000.000		79.1	40 - 140			
2-Chlorophenol	3280	300	4,000.000		82.1	30 - 130			
1,4-Dichlorobenzene	3250	300	4,000.000		81.3	40 - 140			
Benzyl Alcohol	2780	300	4,000.000		69.6	30 - 130			
1,2-Dichlorobenzene	3290	300	4,000.000		82.2	40 - 140			
bis(2-Chloroisopropyl)ether	3140	300	4,000.000		78.6	40 - 140			
Hexachloroethane	3130	300	4,000.000		78.2	40 - 140			
2-Methyl Phenol	3280	300	4,000.000		82.0	30 - 130			
3+4 Methyl Phenol	3310	300	4,000.000		82.8	30 - 130			
Naphthalene	3400	300	4,000.000		84.9	40 - 140			
2-Nitrophenol	3900	300	4,000.000		97.5	30 - 130			
2,4-Dichlorophenol	3750	300	4,000.000		93.7	30 - 130			
Hexachlorobutadiene	3650	300	4,000.000		91.3	40 - 140			
4-Chloro-3-methylphenol	3610	300	4,000.000		90.3	30 - 130			
Nitrobenzene	3210	300	4,000.000		80.3	40 - 140			
Isophorone	3140	300	4,000.000		78.5	40 - 140			
2,4-Dimethylphenol	2960	300	4,000.000		74.1	30 - 130			

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CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L0517-BS1) - Continued					Prepared: 12/5/2014 Analyzed: 12/8/2014				
bis(2-Chloroethoxy)methane	3500	300	4,000.000		87.4	40 - 140			
Benzoic Acid	3120	300	4,000.000		78.0	30 - 130			
1,2,4-Trichlorobenzene	3570	300	4,000.000		89.3	40 - 140			
2,6-Dichlorophenol	3520	300	4,000.000		88.1	30 - 130			
4-Chloroaniline	3850	300	4,000.000		96.3	40 - 140			
1,2,4,5-Tetrachlorobenzene	3600	300	4,000.000		90.1	40 - 140			
2-Methyl Naphthalene	3420	300	4,000.000		85.5	40 - 140			
Acenaphthylene	3430	300	4,000.000		85.7	40 - 140			
Acenaphthene	3500	300	4,000.000		87.6	40 - 140			
Dibenzofuran	3620	300	4,000.000		90.5	40 - 140			
Fluorene	3670	300	4,000.000		91.9	40 - 140			
Hexachlorocyclopentadiene	2840	300	4,000.000		71.1	40 - 140			
2,4,6-Trichlorophenol	3560	300	4,000.000		89.1	30 - 130			
2,4,5-Trichlorophenol	3790	300	4,000.000		94.6	30 - 130			
2,4-Dinitrophenol	4120	300	4,000.000		103	30 - 130			
4-Nitrophenol	3740	300	4,000.000		93.4	30 - 130			
2-Chloronaphthalene	3600	300	4,000.000		89.9	40 - 140			
2-Nitroaniline	3940	300	4,000.000		98.5	40 - 140			
Dimethylphthalate	3700	300	4,000.000		92.4	40 - 140			
2,6-Dinitrotoluene	3980	300	4,000.000		99.5	40 - 140			
4-Nitroaniline	3050	300	4,000.000		76.1	40 - 140			
2,4-Dinitrotoluene	4060	300	4,000.000		101	40 - 140			
2,3,4,6-Tetrachlorophenol	3660	300	4,000.000		91.4	30 - 130			
4-Chlorophenyl-phenylether	3800	300	4,000.000		94.9	40 - 140			
Diethylphthalate	3680	300	4,000.000		91.9	40 - 140			
Phenanthrene	3510	300	4,000.000		87.8	40 - 140			
Anthracene	3470	300	4,000.000		86.7	40 - 140			
Carbazole	3610	300	4,000.000		90.2	40 - 140			
Fluoranthene	3690	300	4,000.000		92.2	40 - 140			
Pyrene	3280	300	4,000.000		82.0	40 - 140			
n-Nitrosodiphenylamine	4210	300	4,000.000		105	40 - 140			
Pentachlorophenol	3190	300	4,000.000		79.8	30 - 130			
3-Nitroaniline	4730	300	4,000.000		118	40 - 140			
4,6-Dinitro-2-methylphenol	3850	300	4,000.000		96.4	30 - 130			
1,2-Diphenylhydrazine	3180	300	4,000.000		79.5	40 - 140			
4-Bromophenyl-phenylether	3690	300	4,000.000		92.2	40 - 140			
Hexachlorobenzene	3710	300	4,000.000		92.8	40 - 140			
Di-n-butylphthalate	3410	300	4,000.000		85.3	40 - 140			
Pentachloronitrobenzene	3670	300	4,000.000		91.8	40 - 140			
Benzo[a]anthracene	3510	300	4,000.000		87.8	40 - 140			
Chrysene	3750	300	4,000.000		93.8	40 - 140			
Butylbenzylphthalate	3350	300	4,000.000		83.6	40 - 140			
3,3-Dichlorobenzidine	3160	300	4,000.000		79.0	40 - 140			
bis(2-Ethylhexyl)phthalate	3460	300	4,000.000		86.4	40 - 140			
Di-n-octylphthalate	3520	300	4,000.000		87.9	40 - 140			
Benzo[b]fluoranthene	3870	300	4,000.000		96.7	40 - 140			
Benzo[k]fluoranthene	3740	300	4,000.000		93.4	40 - 140			
Benzo[a]pyrene	4180	300	4,000.000		104	40 - 140			
Indeno[1,2,3-cd]pyrene	4830	300	4,000.000		121	40 - 140			
Dibenz[a,h]anthracene	5340	300	4,000.000		134	40 - 140			
Benzo[g,h,i]perylene	4700	300	4,000.000		118	40 - 140			
Surrogate: 2-Fluorophenol					78.2	30 - 130			
Surrogate: Phenol-d6					75.3	30 - 130			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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LCS (B4L0517-BS1) - Continued

Prepared: 12/5/2014 Analyzed: 12/8/2014

Surrogate: Nitrobenzene-d5

76.5 30 - 130

Surrogate: 2-Fluorobiphenyl

83.4 30 - 130

Surrogate: 2,4,6-Tribromophenol

100 30 - 130

Surrogate: Terphenyl-d14

81.4 30 - 130

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0538 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B4L0538-BLK1)

Prepared: 12/5/2014 Analyzed: 12/8/2014

Lead	ND	2.0
Selenium	ND	1.0
Cadmium	ND	0.50
Chromium	ND	2.0
Arsenic	ND	1.0
Barium	ND	2.0
Silver	ND	2.0
Copper	ND	2.0
Nickel	ND	2.0
Zinc	ND	2.0
Beryllium	ND	1.0
Antimony	ND	2.0
Thallium	ND	2.0
Vanadium	ND	2.0

LCS (B4L0538-BS1)

Prepared: 12/5/2014 Analyzed: 12/8/2014

Lead	27.1	2.0	25.000	108	80 - 120
Selenium	56.0	1.0	50.000	112	80 - 120
Cadmium	27.6	0.50	25.000	110	80 - 120
Chromium	27.1	2.0	25.000	108	80 - 120
Arsenic	27.4	1.0	25.000	109	80 - 120
Barium	27.1	2.0	25.000	108	80 - 120
Silver	5.86	2.0	5.000	117	80 - 120
Copper	27.1	2.0	25.000	108	80 - 120
Nickel	26.7	2.0	25.000	107	80 - 120
Zinc	29.7	2.0	25.000	119	80 - 120
Beryllium	29.0	1.0	25.000	116	80 - 120
Antimony	5.44	2.0	5.000	109	80 - 120
Thallium	27.1	2.0	25.000	108	80 - 120
Vanadium	27.3	2.0	25.000	109	80 - 120

Duplicate (B4L0538-DUP1)

Source: 4120041-03

Prepared: 12/5/2014 Analyzed: 12/8/2014

Lead	144	2.3	174	18.7	35
Selenium	ND	1.1	ND		35
Cadmium	ND	0.57	0.609		35
Chromium	23.0	2.3	22.1	4.05	35
Arsenic	11.0	1.1	10.2	7.14	35
Barium	47.2	2.3	46.0	2.52	35
Silver	ND	2.3	ND		35
Copper	2000	2.3	2320	14.6	35
Nickel	51.3	2.3	60.4	16.3	35
Zinc	415	2.3	499	18.4	35
Beryllium	ND	1.1	ND		35
Antimony	31.7	2.3	ND		35
Thallium	ND	2.3	ND		35
Vanadium	32.9	2.3	33.0	0.208	35

Matrix Spike (B4L0538-MS1)

Source: 4120041-03

Prepared: 12/5/2014 Analyzed: 12/8/2014

Lead	199	2.3	28.514	174	86.4	75 - 125
Selenium	51.1	1.1	57.027	ND	89.5	75 - 125
Cadmium	27.8	0.57	28.514	0.609	95.3	75 - 125
Chromium	53.7	2.3	28.514	22.1	111	75 - 125

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike (B4L0538-MS1) - Continued			Source: 4120041-03		Prepared: 12/5/2014 Analyzed: 12/8/2014				
Arsenic	38.7	1.1	28.514	10.2	99.7	75 - 125			
Barium	70.6	2.3	28.514	46.0	86.2	75 - 125			
Silver	6.41	2.3	5.703	ND	112	75 - 125			
Copper	#	2.3	28.514	2320	#	75 - 125			#
Nickel	89.4	2.3	28.514	60.4	102	75 - 125			
Zinc	#	2.3	28.514	499	#	75 - 125			#
Beryllium	30.9	1.1	28.514	ND	108	75 - 125			
Antimony	8.56	2.3	5.703	ND	150	75 - 125			H
Thallium	21.0	2.3	28.514	ND	73.7	75 - 125			L
Vanadium	68.3	2.3	28.514	33.0	124	75 - 125			
Matrix Spike Dup (B4L0538-MSD1)			Source: 4120041-03		Prepared: 12/5/2014 Analyzed: 12/8/2014				
Lead	#	2.3	28.514	174	#	75 - 125	#	35	#
Selenium	52.7	1.1	57.027	ND	92.4	75 - 125	3.14	35	
Cadmium	26.9	0.57	28.514	0.609	92.3	75 - 125	3.13	35	
Chromium	53.2	2.3	28.514	22.1	109	75 - 125	0.961	35	
Arsenic	35.0	1.1	28.514	10.2	86.7	75 - 125	10.1	35	
Barium	72.9	2.3	28.514	46.0	94.4	75 - 125	3.24	35	
Silver	6.45	2.3	5.703	ND	113	75 - 125	0.639	35	
Copper	#	2.3	28.514	2320	#	75 - 125	#	35	#
Nickel	79.1	2.3	28.514	60.4	65.5	75 - 125	12.2	35	L
Zinc	#	2.3	28.514	499	#	75 - 125	#	35	#
Beryllium	35.8	1.1	28.514	ND	126	75 - 125	14.8	35	H
Antimony	6.63	2.3	5.703	ND	116	75 - 125	25.3	35	
Thallium	23.2	2.3	28.514	ND	81.2	75 - 125	9.71	35	
Vanadium	63.5	2.3	28.514	33.0	107	75 - 125	7.30	35	

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B4L0807 - EPA 9012B

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L0807-BLK1)									Prepared: 12/8/2014 Analyzed: 12/8/2014
Cyanide,Total	ND	1.0							
LCS (B4L0807-BS1)									Prepared: 12/8/2014 Analyzed: 12/8/2014
Cyanide,Total	3.36	1.0	4.000		84.0	80 - 120			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch S4L0406 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Calibration Check (S4L0406-CCV1)					Prepared: 12/3/2014 Analyzed: 12/3/2014				
Dichlorodifluoromethane	49.4		50.000		98.8	80 - 120			
Chloromethane	59.6		50.000		119	80 - 120			
Vinyl Chloride	69.6		50.000		139	80 - 120			H
Bromomethane	64.8		50.000		130	80 - 120			H
Chloroethane	70.6		50.000		141	80 - 120			H
Trichlorofluoromethane	58.5		50.000		117	80 - 120			
Acetone	76.0		100.000		76.0	80 - 120			L
Acrylonitrile	52.9		50.000		106	80 - 120			
Trichlorotrifluoroethane	51.3		50.000		103	80 - 120			
1,1-Dichloroethene	52.7		50.000		105	80 - 120			
Methylene Chloride	69.8		50.000		140	80 - 120			H
Carbon Disulfide	53.0		50.000		106	80 - 120			
Methyl-t-Butyl Ether (MTBE)	59.6		50.000		119	80 - 120			
trans-1,2-Dichloroethene	57.1		50.000		114	80 - 120			
1,1-Dichloroethane	58.8		50.000		118	80 - 120			
2-Butanone (MEK)	105		100.000		105	80 - 120			
2,2-Dichloropropane	53.6		50.000		107	80 - 120			
cis-1,2-Dichloroethene	59.0		50.000		118	80 - 120			
Chloroform	58.9		50.000		118	80 - 120			
Tetrahydrofuran	55.4		50.000		111	80 - 120			
1,1,1-Trichloroethane	46.6		50.000		93.1	80 - 120			
Carbon Tetrachloride	45.3		50.000		90.6	80 - 120			
1,1-Dichloropropene	47.2		50.000		94.4	80 - 120			
Benzene	52.1		50.000		104	80 - 120			
1,2-Dichloroethane	51.9		50.000		104	80 - 120			
Trichloroethene	49.6		50.000		99.3	80 - 120			
1,2-Dichloropropane	55.1		50.000		110	80 - 120			
Dibromomethane	56.4		50.000		113	80 - 120			
Bromodichloromethane	54.6		50.000		109	80 - 120			
Methyl Isobutyl Ketone	101		100.000		101	80 - 120			
cis-1,3-Dichloropropene	56.0		50.000		112	80 - 120			
Toluene	52.6		50.000		105	80 - 120			
trans-1,3-Dichloropropene	53.9		50.000		108	80 - 120			
2-Hexanone	102		100.000		102	80 - 120			
1,1,2-Trichloroethane	56.5		50.000		113	80 - 120			
Tetrachloroethene	50.6		50.000		101	80 - 120			
1,3-Dichloropropane	56.5		50.000		113	80 - 120			
Dibromochloromethane	53.9		50.000		108	80 - 120			
1,2-Dibromoethane	52.3		50.000		105	80 - 120			
trans-1,4-Dichloro-2-Butene	44.3		50.000		88.7	80 - 120			
Chlorobenzene	49.7		50.000		99.4	80 - 120			
1,1,1,2-Tetrachloroethane	51.7		50.000		103	80 - 120			
Ethylbenzene	48.9		50.000		97.7	80 - 120			
m+p Xylenes	99.2		100.000		99.2	80 - 120			
o-Xylene	50.6		50.000		101	80 - 120			
Styrene	49.5		50.000		99.0	80 - 120			
Bromoform	53.8		50.000		108	80 - 120			
Isopropylbenzene	48.3		50.000		96.5	80 - 120			
1,1,2,2-Tetrachloroethane	52.4		50.000		105	80 - 120			
Bromobenzene	53.3		50.000		107	80 - 120			
1,2,3-Trichloropropane	46.2		50.000		92.3	80 - 120			
n-Propylbenzene	50.0		50.000		99.9	80 - 120			

Complete Environmental Testing, Inc.

80 Lupes Drive, Stratford, CT 06615 • Tel: 203-377-9984 • Fax: 203-377-9952 • www.cetlabs.com

Page 80 of 92

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Calibration Check (S4L0406-CCV1) - Continued

Prepared: 12/3/2014 Analyzed: 12/3/2014

2-Chlorotoluene	40.8		50.000		81.7	80 - 120			
4-Chlorotoluene	45.8		50.000		91.7	80 - 120			
1,3,5-Trimethylbenzene	51.3		50.000		103	80 - 120			
tert-Butylbenzene	51.4		50.000		103	80 - 120			
1,2,4-Trimethylbenzene	52.7		50.000		105	80 - 120			
sec-Butylbenzene	49.0		50.000		98.0	80 - 120			
1,3-Dichlorobenzene	52.0		50.000		104	80 - 120			
4-Isopropyltoluene	49.1		50.000		98.2	80 - 120			
1,4-Dichlorobenzene	51.2		50.000		102	80 - 120			
1,2-Dichlorobenzene	53.5		50.000		107	80 - 120			
n-Butylbenzene	48.3		50.000		96.6	80 - 120			
1,2-Dibromo-3-Chloropropane	49.2		50.000		98.4	80 - 120			
1,2,4-Trichlorobenzene	51.9		50.000		104	80 - 120			
Hexachlorobutadiene	48.5		50.000		97.1	80 - 120			
Naphthalene	51.2		50.000		102	80 - 120			
1,2,3-Trichlorobenzene	52.0		50.000		104	80 - 120			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch S4L0501 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
Calibration Check (S4L0501-CCV1)					Prepared: 12/4/2014 Analyzed: 12/4/2014				
Dichlorodifluoromethane	57.3		50.000		115	80 - 120			
Chloromethane	47.0		50.000		94.0	80 - 120			
Vinyl Chloride	51.3		50.000		103	80 - 120			
Bromomethane	40.1		50.000		80.3	80 - 120			
Chloroethane	49.6		50.000		99.1	80 - 120			
Trichlorofluoromethane	43.9		50.000		87.9	80 - 120			
Acetone	89.9		100.000		89.9	80 - 120			
Acrylonitrile	40.9		50.000		81.8	80 - 120			
Trichlorotrifluoroethane	44.0		50.000		88.0	80 - 120			
1,1-Dichloroethene	47.9		50.000		95.8	80 - 120			
Methylene Chloride	66.7		50.000		133	80 - 120			H
Carbon Disulfide	48.1		50.000		96.1	80 - 120			
Methyl-t-Butyl Ether (MTBE)	41.4		50.000		82.7	80 - 120			
trans-1,2-Dichloroethene	44.8		50.000		89.6	80 - 120			
1,1-Dichloroethane	44.7		50.000		89.4	80 - 120			
2-Butanone (MEK)	90.6		100.000		90.6	80 - 120			
2,2-Dichloropropane	45.7		50.000		91.4	80 - 120			
cis-1,2-Dichloroethene	47.1		50.000		94.3	80 - 120			
Chloroform	51.1		50.000		102	80 - 120			
Tetrahydrofuran	41.2		50.000		82.5	80 - 120			
1,1,1-Trichloroethane	50.2		50.000		100	80 - 120			
Carbon Tetrachloride	53.2		50.000		106	80 - 120			
1,1-Dichloropropene	49.5		50.000		98.9	80 - 120			
Benzene	53.8		50.000		108	80 - 120			
1,2-Dichloroethane	47.6		50.000		95.3	80 - 120			
Trichloroethene	63.3		50.000		127	80 - 120			H
1,2-Dichloropropane	51.2		50.000		102	80 - 120			
Dibromomethane	63.7		50.000		127	80 - 120			H
Bromodichloromethane	52.5		50.000		105	80 - 120			
Methyl Isobutyl Ketone	80.1		100.000		80.1	80 - 120			
cis-1,3-Dichloropropene	50.5		50.000		101	80 - 120			
Toluene	58.3		50.000		117	80 - 120			
trans-1,3-Dichloropropene	49.6		50.000		99.2	80 - 120			
2-Hexanone	81.5		100.000		81.5	80 - 120			
1,1,2-Trichloroethane	56.0		50.000		112	80 - 120			
Tetrachloroethene	65.1		50.000		130	80 - 120			H
1,3-Dichloropropane	51.7		50.000		103	80 - 120			
Dibromochloromethane	55.8		50.000		112	80 - 120			
1,2-Dibromoethane	54.9		50.000		110	80 - 120			
trans-1,4-Dichloro-2-Butene	42.9		50.000		85.8	80 - 120			
Chlorobenzene	59.4		50.000		119	80 - 120			
1,1,1,2-Tetrachloroethane	57.8		50.000		116	80 - 120			
Ethylbenzene	57.6		50.000		115	80 - 120			
m+p Xylenes	118		100.000		118	80 - 120			
o-Xylene	56.6		50.000		113	80 - 120			
Styrene	55.9		50.000		112	80 - 120			
Bromoform	56.6		50.000		113	80 - 120			
Isopropylbenzene	59.1		50.000		118	80 - 120			
1,1,2,2-Tetrachloroethane	49.9		50.000		99.7	80 - 120			
Bromobenzene	50.8		50.000		102	80 - 120			
1,2,3-Trichloropropane	50.5		50.000		101	80 - 120			
n-Propylbenzene	55.6		50.000		111	80 - 120			

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Calibration Check (S4L0501-CCV1) - Continued

Prepared: 12/4/2014 Analyzed: 12/4/2014

2-Chlorotoluene	53.1		50.000		106	80 - 120			
4-Chlorotoluene	49.6		50.000		99.3	80 - 120			
1,3,5-Trimethylbenzene	54.9		50.000		110	80 - 120			
tert-Butylbenzene	56.3		50.000		113	80 - 120			
1,2,4-Trimethylbenzene	55.4		50.000		111	80 - 120			
sec-Butylbenzene	56.8		50.000		114	80 - 120			
1,3-Dichlorobenzene	57.9		50.000		116	80 - 120			
4-Isopropyltoluene	56.4		50.000		113	80 - 120			
1,4-Dichlorobenzene	57.6		50.000		115	80 - 120			
1,2-Dichlorobenzene	56.3		50.000		113	80 - 120			
n-Butylbenzene	56.0		50.000		112	80 - 120			
1,2-Dibromo-3-Chloropropane	48.4		50.000		96.7	80 - 120			
1,2,4-Trichlorobenzene	62.5		50.000		125	80 - 120			H
Hexachlorobutadiene	66.4		50.000		133	80 - 120			H
Naphthalene	55.2		50.000		110	80 - 120			
1,2,3-Trichlorobenzene	62.5		50.000		125	80 - 120			H

CET #:4120041

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch S4L0807 - EPA 8082A

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Calibration Check (S4L0807-CCV1)					Prepared: 12/5/2014 Analyzed: 12/5/2014				
PCB-1016	1020		1,000.000		102	80 - 120			
PCB-1260	1010		1,000.000		101	80 - 120			
<i>Surrogate: TCMX</i>					<i>107</i>	<i>50 - 150</i>			
<i>Surrogate: DCB</i>					<i>89.4</i>	<i>50 - 150</i>			

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

- Flags:
- H- Recovery is above the control limits
 - L- Recovery is below the control limits
 - B- Compound detected in the Blank
 - P- RPD of dual column results exceeds 40%
 - #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Tighe & Bond

Project Location: Harbor Drive, Middletown

Project Number: M-1185

Laboratory Sample ID(s):

Sample Date(s):

4120041-01 thru 4120041-11

12/01/2014

List RCP Methods Used:

CET #: 4120041

CT-ETPH, EPA 6010C, EPA 7471B, EPA 8082A, EPA 8260C, EPA 8270D, EPA 9012B

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

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

This form may not be altered and all questions must be answered.

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

Authorized Signature:

Position: Laboratory Director

Printed Name: David Ditta

Date: 12/09/2014

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

4- Exceptions Report

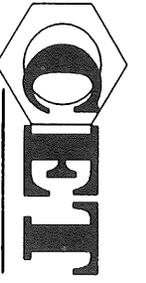
Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
4-Bromofluorobenzene	SURR	High			138	4120041-03
4-Bromofluorobenzene	SURR	High			138	4120041-04
4-Bromofluorobenzene	SURR	Low			67.7	4120041-04RE1
4-Bromofluorobenzene	SURR	High			138	4120041-07
Methylene Chloride	LCS	High			133	B4L0333
Dichlorodifluoromethane	LCS	High			230	B4L0425
Methylene Chloride	LCS	High			132	B4L0425
Vinyl Chloride	LCS	High			135	B4L0425
2,4-Dinitrophenol	MS	Low			11.4	4120041-08
3,3-Dichlorobenzidine	MS	Low			22.3	4120041-08
Aniline	MS	Low			18.7	4120041-08
Benzoic Acid	MS	Low			15.9	4120041-08
Benzyl Alcohol	MS	Low			22.6	4120041-08
Fluoranthene	MS	Low			36.5	4120041-08
Pyrene	MS	Low			37.5	4120041-08
Antimony	MS	High			150	4120041-03
Thallium	MS	Low			73.7	4120041-03
Beryllium	MSD	High			126	B4L0538-MSD1
Nickel	MSD	Low			65.5	B4L0538-MSD1
Acetone	CC	Low	76.0		76.0	S4L0406
Bromomethane	CC	High	64.8		130	S4L0406
Chloroethane	CC	High	70.6		141	S4L0406
Methylene Chloride	CC	High	69.8		140	S4L0406
Vinyl Chloride	CC	High	69.6		139	S4L0406
1,2,3-Trichlorobenzene	CC	High	62.5		125	S4L0501
1,2,4-Trichlorobenzene	CC	High	62.5		125	S4L0501
Dibromomethane	CC	High	63.7		127	S4L0501
Hexachlorobutadiene	CC	High	66.4		133	S4L0501
Methylene Chloride	CC	High	66.7		133	S4L0501
Tetrachloroethene	CC	High	65.1		130	S4L0501
Trichloroethene	CC	High	63.3		127	S4L0501

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B4L0404		4120041-01	B-1 (5-10) Bottom 6in	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-02	B-1 (15-20)	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-03	B-3 (5-10) Top 27in	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-04	B-4 (5-10) Top 24in	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-05	B-5 (5-10) Bottom 21in	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-06	B-7 (0-5)	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-07	B-9 (0-5) Bottom 8in	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-08	B-10 (5-6)	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-09	B-12 (5-10) Top 10in	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-10	B-12 (10-15)	CT-ETPH	Soil	12/01/2014
B4L0404		4120041-11	B-15C (10-15) Bottom 12in	CT-ETPH	Soil	12/01/2014
B4L0538	S4L0809	4120041-03	B-3 (5-10) Top 27in	EPA 6010C	Soil	12/01/2014
B4L0538	S4L0809	4120041-04	B-4 (5-10) Top 24in	EPA 6010C	Soil	12/01/2014
B4L0538	S4L0809	4120041-06	B-7 (0-5)	EPA 6010C	Soil	12/01/2014
B4L0538	S4L0809	4120041-07	B-9 (0-5) Bottom 8in	EPA 6010C	Soil	12/01/2014
B4L0538	S4L0809	4120041-08	B-10 (5-6)	EPA 6010C	Soil	12/01/2014
B4L0538	S4L0809	4120041-09	B-12 (5-10) Top 10in	EPA 6010C	Soil	12/01/2014
B4L0538	S4L0809	4120041-11	B-15C (10-15) Bottom 12in	EPA 6010C	Soil	12/01/2014
B4L0507		4120041-03	B-3 (5-10) Top 27in	EPA 7471B	Soil	12/01/2014
B4L0507		4120041-04	B-4 (5-10) Top 24in	EPA 7471B	Soil	12/01/2014
B4L0507		4120041-06	B-7 (0-5)	EPA 7471B	Soil	12/01/2014
B4L0507		4120041-07	B-9 (0-5) Bottom 8in	EPA 7471B	Soil	12/01/2014
B4L0507		4120041-08	B-10 (5-6)	EPA 7471B	Soil	12/01/2014
B4L0507		4120041-09	B-12 (5-10) Top 10in	EPA 7471B	Soil	12/01/2014
B4L0507		4120041-11	B-15C (10-15) Bottom 12in	EPA 7471B	Soil	12/01/2014
B4L0312	S4L0506	4120041-02	B-1 (15-20)	EPA 8082A	Soil	12/01/2014
B4L0312	S4L0506	4120041-04	B-4 (5-10) Top 24in	EPA 8082A	Soil	12/01/2014
B4L0312	S4L0506	4120041-05	B-5 (5-10) Bottom 21in	EPA 8082A	Soil	12/01/2014
B4L0312	S4L0506	4120041-06	B-7 (0-5)	EPA 8082A	Soil	12/01/2014
B4L0312	S4L0506	4120041-10	B-12 (10-15)	EPA 8082A	Soil	12/01/2014
B4L0312	S4L0807	4120041-11	B-15C (10-15) Bottom 12in	EPA 8082A	Soil	12/01/2014
B4L0333	S4L0406	4120041-01	B-1 (5-10) Bottom 6in	EPA 8260C	Soil	12/01/2014

B4L0333	S4L0406	4120041-03	B-3 (5-10) Top 27in	EPA 8260C	Soil	12/01/2014
B4L0333	S4L0406	4120041-04	B-4 (5-10) Top 24in	EPA 8260C	Soil	12/01/2014
B4L0333	S4L0406	4120041-05	B-5 (5-10) Bottom 21in	EPA 8260C	Soil	12/01/2014
B4L0333	S4L0406	4120041-06	B-7 (0-5)	EPA 8260C	Soil	12/01/2014
B4L0333	S4L0406	4120041-07	B-9 (0-5) Bottom 8in	EPA 8260C	Soil	12/01/2014
B4L0333	S4L0406	4120041-08	B-10 (5-6)	EPA 8260C	Soil	12/01/2014
B4L0333	S4L0406	4120041-10	B-12 (10-15)	EPA 8260C	Soil	12/01/2014
B4L0333	S4L0406	4120041-11	B-15C (10-15) Bottom 12in	EPA 8260C	Soil	12/01/2014
B4L0425	S4L0501	4120041-04RE1	B-4 (5-10) Top 24in	EPA 8260C	Soil	12/01/2014
B4L0429	S4L0805	4120041-01	B-1 (5-10) Bottom 6in	EPA 8270D	Soil	12/01/2014
B4L0429	S4L0805	4120041-03	B-3 (5-10) Top 27in	EPA 8270D	Soil	12/01/2014
B4L0429	S4L0805	4120041-04	B-4 (5-10) Top 24in	EPA 8270D	Soil	12/01/2014
B4L0429	S4L0805	4120041-05	B-5 (5-10) Bottom 21in	EPA 8270D	Soil	12/01/2014
B4L0429	S4L0805	4120041-06	B-7 (0-5)	EPA 8270D	Soil	12/01/2014
B4L0429		4120041-07	B-9 (0-5) Bottom 8in	EPA 8270D	Soil	12/01/2014
B4L0429		4120041-08	B-10 (5-6)	EPA 8270D	Soil	12/01/2014
B4L0517		4120041-09	B-12 (5-10) Top 10in	EPA 8270D	Soil	12/01/2014
B4L0517		4120041-10	B-12 (10-15)	EPA 8270D	Soil	12/01/2014
B4L0517		4120041-11	B-15C (10-15) Bottom 12in	EPA 8270D	Soil	12/01/2014
B4L0807		4120041-02	B-1 (15-20)	EPA 9012B	Soil	12/01/2014
B4L0807		4120041-04	B-4 (5-10) Top 24in	EPA 9012B	Soil	12/01/2014
B4L0807		4120041-05	B-5 (5-10) Bottom 21in	EPA 9012B	Soil	12/01/2014
B4L0807		4120041-06	B-7 (0-5)	EPA 9012B	Soil	12/01/2014
B4L0807		4120041-08	B-10 (5-6)	EPA 9012B	Soil	12/01/2014
B4L0807		4120041-09	B-12 (5-10) Top 10in	EPA 9012B	Soil	12/01/2014
B4L0807		4120041-10	B-12 (10-15)	EPA 9012B	Soil	12/01/2014
B4L0807		4120041-11	B-15C (10-15) Bottom 12in	EPA 9012B	Soil	12/01/2014

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COMPLETE ENVIRONMENTAL TESTING, INC.

F CUSTODY RECORD

CET # _____
Volatile Soils Only:
Date and Time in Freezer
Client: 12.14.1630
CET: _____

Additional Analysis

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cellabs.com
Bottle Request e-mail: bottleorders@cellabs.com

Matrix
A=Air S=Soil
W=Water DW=Drinking W.
C=Cassette
Solid
Wipe
Other (Specify)

Turnaround Time **
(check one)
Same Day *
Next Day *
2-3 Days *
Std (5-7 Days)

B-15c (10-15) Butanol 11"

S

Organics	Metals (check all that apply)	Additional Analysis
8260 CT List		
8260 Aromatics		
8260 Halogens		
CT ETPH		
8270 CT List		
8270 PNAs		
PCBs w/Soil test		
Pesticides		
Herbicides		
13 Priority Poll		
8 RCRA		
TOTAL <u>En</u>		
TCLP		
SPLP		
Field Filtered		
Lab To Filter		
GC/MS		
<u>GC/MS Needs</u>		

TOTAL # OF CONT. 5
NOTE #

PRESERVATIVE (Cl-HCl, N-HNO₃, S-H₂SO₄, Na-NaOH, C=Cool, O-Other)
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)
Soil VOCs Only (M=MeOH B=Solium W=Water F=Vial Empty E=Encore)

REMOVED BY: Tom DATE/TIME: 12-2-16 RECEIVED BY: Tom
REMOVED BY: Tom DATE/TIME: 12-2-16 RECEIVED BY: Tom
REMOVED BY: Tom DATE/TIME: 12-2-16 RECEIVED BY: Tom

Client / Reporting Information

Company Name: Target Bond
Address: Middleman
City: Stratford State: CT ZIP: _____

Report To: _____ E-mail: _____

Phone # _____ Fax # _____

NOTES: _____

Project Contact: Amy Williams PO #: 82-1185-11
Project: Target Bond Project #: M-1185
Location: Middleman Collector(s): Cornel Knight

QA/QC Sid Site Specific (MS/MSD) * RCP Pkg * DOAW *
Data Report Email PDF Excel Other
RSR Reporting Limits (check one) GA GB SWP Other (specify)

Lab Use: Evidence of Cooling: 870 °C or N
Temp Upon Receipt: 870 °C or N
SHEET 2 OF 2

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV. 12/11

80 Lupes Drive
Stratford, CT 06615



Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Amy Vaillancourt
Tighe & Bond
213 Court St Suite 900
Middletown, CT 06457

Analytical Report

CET# 4120260

Report Date: December 19, 2014
Project: Harbor Drive, Middletown
PO Number: 22-1185-11

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate.: M-CT903



New York Certification: 11982
Rhode Island Certification: 199

SAMPLE SUMMARY

The sample(s) were received at 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
MW-1	4120260-01	Water	12/08/2014 12:03	12/10/2014
Equipment Blank (H)	4120260-02	Water	12/08/2014 10:41	12/10/2014
MW-5	4120260-03	Water	12/08/2014 9:20	12/10/2014
MW-3	4120260-04	Water	12/08/2014 15:00	12/10/2014
Equipment Blank (WLM)	4120260-05	Water	12/08/2014 15:55	12/10/2014
Trip Blank	4120260-06	Water	12/08/2014 9:00	12/10/2014

Analyte: Cyanide,Total [EPA 335.4]

Analyst: CC

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4120260-01	MW-1	ND	0.050	mg/L	1	B4L1503	12/15/2014	12/15/2014 17:15	
4120260-02	Equipment Blank (H)	ND	0.050	mg/L	1	B4L1503	12/15/2014	12/15/2014 17:15	
4120260-03	MW-5	ND	0.050	mg/L	1	B4L1503	12/15/2014	12/15/2014 17:15	
4120260-04	MW-3	ND	0.050	mg/L	1	B4L1503	12/15/2014	12/15/2014 17:15	
4120260-05	Equipment Blank (WLM)	ND	0.050	mg/L	1	B4L1503	12/15/2014	12/15/2014 17:15	

Analyte: Mercury [EPA 7470A]

Analyst: MS

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4120260-01	MW-1	ND	0.00040	mg/L	1	B4L1506	12/15/2014	12/15/2014 13:57	
4120260-02	Equipment Blank (H)	ND	0.00040	mg/L	1	B4L1506	12/15/2014	12/15/2014 14:37	
4120260-03	MW-5	ND	0.00040	mg/L	1	B4L1506	12/15/2014	12/15/2014 14:39	
4120260-04	MW-3	ND	0.00040	mg/L	1	B4L1506	12/15/2014	12/15/2014 14:42	
4120260-05	Equipment Blank (WLM)	ND	0.00040	mg/L	1	B4L1506	12/15/2014	12/15/2014 14:44	

CET #:4120260

Project: Harbor Drive, Middletown

Client Sample ID MW-1

Lab ID: 4120260-01

Total Metals

Method: EPA 200.7

Analyst: SS

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Selenium	ND	0.010	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Chromium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Barium	0.31	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Silver	ND	0.012	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Copper	ND	0.040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Nickel	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Zinc	0.022	0.020	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Antimony	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Thallium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	
Vanadium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:49	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	0.14	0.10	1	EPA 3510C	B4L1201	12/12/2014	12/13/2014 17:15	R

Surrogate: Octacosane 104 % 50 - 150 B4L1201 12/12/2014 12/13/2014 17:15

R Unknown C12-C28 Range

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Pyridine	ND	4.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	

Complete Environmental Testing, Inc.

80 Lupes Drive, Stratford, CT 06615 • Tel: 203-377-9984 • Fax: 203-377-9952 • www.cetlabs.com

Page 3 of 52

Client Sample ID MW-1

Lab ID: 4120260-01

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Aniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Isophorone	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Acenaphthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Fluorene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	

Client Sample ID MW-1

Lab ID: 4120260-01

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Phenanthrene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Anthracene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Carbazole	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Fluoranthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Pyrene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Chrysene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 17:19	

Surrogate: 2-Fluorophenol	32.3 %	15 - 110	B4L1513	12/15/2014	12/17/2014 17:19
Surrogate: Phenol-d6	20.8 %	15 - 110	B4L1513	12/15/2014	12/17/2014 17:19
Surrogate: Nitrobenzene-d5	71.4 %	30 - 130	B4L1513	12/15/2014	12/17/2014 17:19
Surrogate: 2-Fluorobiphenyl	69.0 %	30 - 130	B4L1513	12/15/2014	12/17/2014 17:19
Surrogate: 2,4,6-Tribromophenol	77.6 %	15 - 110	B4L1513	12/15/2014	12/17/2014 17:19
Surrogate: Terphenyl-d14	71.4 %	30 - 130	B4L1513	12/15/2014	12/17/2014 17:19

Client Sample ID MW-1

Lab ID: 4120260-01

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Acetone	ND	50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Chloroform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Benzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Toluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
2-Hexanone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	

Client Sample ID MW-1

Lab ID: 4120260-01

Volatile Organics

Analyst: JS

Method: EPA 8260C

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Styrene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Bromoform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:09	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>116 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 20:09</i>	
<i>Surrogate: Toluene-d8</i>	<i>97.9 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 20:09</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>100 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 20:09</i>	

Client Sample ID Equipment Blank (H)

Lab ID: 4120260-02

Total Metals

Method: EPA 200.7

Analyst: SS

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Selenium	ND	0.010	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Chromium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Barium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Silver	ND	0.012	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Copper	ND	0.040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Nickel	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Zinc	ND	0.020	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Antimony	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Thallium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	
Vanadium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:54	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B4L1201	12/12/2014	12/13/2014 17:38	
<i>Surrogate: Octacosane</i>	<i>101 %</i>	<i>50 - 150</i>			B4L1201	12/12/2014	<i>12/13/2014 17:38</i>	

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Pyridine	ND	4.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	

Client Sample ID Equipment Blank (H)

Lab ID: 4120260-02

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Aniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Isophorone	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Acenaphthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Fluorene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	

Client Sample ID Equipment Blank (H)

Lab ID: 4120260-02

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Phenanthrene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Anthracene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Carbazole	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Fluoranthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Pyrene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Chrysene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:00	

Surrogate: 2-Fluorophenol	27.1 %	15 - 110	B4L1513	12/15/2014	12/17/2014 18:00
Surrogate: Phenol-d6	18.4 %	15 - 110	B4L1513	12/15/2014	12/17/2014 18:00
Surrogate: Nitrobenzene-d5	65.8 %	30 - 130	B4L1513	12/15/2014	12/17/2014 18:00
Surrogate: 2-Fluorobiphenyl	65.9 %	30 - 130	B4L1513	12/15/2014	12/17/2014 18:00
Surrogate: 2,4,6-Tribromophenol	75.5 %	15 - 110	B4L1513	12/15/2014	12/17/2014 18:00
Surrogate: Terphenyl-d14	72.2 %	30 - 130	B4L1513	12/15/2014	12/17/2014 18:00

Client Sample ID Equipment Blank (H)

Lab ID: 4120260-02

Volatile Organics
Method: EPA 8260C

Analyst: JS
Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Acetone	ND	50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Chloroform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Benzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Toluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
2-Hexanone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	

Client Sample ID Equipment Blank (H)

Lab ID: 4120260-02

Volatile Organics

Analyst: JS

Method: EPA 8260C

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Styrene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Bromoform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 20:44	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>118 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 20:44</i>	
<i>Surrogate: Toluene-d8</i>	<i>97.9 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 20:44</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99.9 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 20:44</i>	

Client Sample ID MW-5

Lab ID: 4120260-03

Total Metals

Method: EPA 200.7

Analyst: SS

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Selenium	ND	0.010	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Chromium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Barium	0.29	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Silver	ND	0.012	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Copper	ND	0.040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Nickel	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Zinc	0.024	0.020	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Antimony	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Thallium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	
Vanadium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 18:59	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	0.93	0.10	1	EPA 3510C	B4L1201	12/12/2014	12/13/2014 18:01	2

Surrogate: Octacosane 92.3 % 50 - 150 B4L1201 12/12/2014 12/13/2014 18:01

2 C9-C28 Fuel Oil Range

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Pyridine	ND	4.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	

Client Sample ID MW-5

Lab ID: 4120260-03

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Aniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Isophorone	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Acenaphthene	1.0	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Fluorene	1.4	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	

Client Sample ID MW-5

Lab ID: 4120260-03

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Phenanthrene	0.48	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Anthracene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Carbazole	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Fluoranthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Pyrene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Chrysene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
bis(2-Ethylhexyl)phthalate	4.0	2.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 18:42	

Surrogate: 2-Fluorophenol	30.1 %	15 - 110	B4L1513	12/15/2014	12/17/2014 18:42
Surrogate: Phenol-d6	20.6 %	15 - 110	B4L1513	12/15/2014	12/17/2014 18:42
Surrogate: Nitrobenzene-d5	72.7 %	30 - 130	B4L1513	12/15/2014	12/17/2014 18:42
Surrogate: 2-Fluorobiphenyl	65.7 %	30 - 130	B4L1513	12/15/2014	12/17/2014 18:42
Surrogate: 2,4,6-Tribromophenol	65.5 %	15 - 110	B4L1513	12/15/2014	12/17/2014 18:42
Surrogate: Terphenyl-d14	66.9 %	30 - 130	B4L1513	12/15/2014	12/17/2014 18:42

Client Sample ID MW-5

Lab ID: 4120260-03

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Acetone	52	50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Chloroform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Benzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Toluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
2-Hexanone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	

Client Sample ID MW-5

Lab ID: 4120260-03

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Styrene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Bromoform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Isopropylbenzene	1.1	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
n-Propylbenzene	1.4	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
sec-Butylbenzene	1.8	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>120 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 21:20</i>	
<i>Surrogate: Toluene-d8</i>	<i>101 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 21:20</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>103 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 21:20</i>	

CET #:4120260

Project: Harbor Drive, Middletown

Client Sample ID MW-3

Lab ID: 4120260-04

Total Metals

Method: EPA 200.7

Analyst: SS

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Selenium	ND	0.010	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Chromium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Barium	0.14	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Silver	ND	0.012	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Copper	ND	0.040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Nickel	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Zinc	0.56	0.020	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Antimony	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Thallium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	
Vanadium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:03	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B4L1201	12/12/2014	12/13/2014 18:24	
<i>Surrogate: Octacosane</i>	<i>92.2 %</i>	<i>50 - 150</i>			B4L1201	12/12/2014	<i>12/13/2014 18:24</i>	

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Pyridine	ND	4.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	

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Client Sample ID MW-3

Lab ID: 4120260-04

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Aniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Isophorone	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Acenaphthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Fluorene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	

Client Sample ID MW-3

Lab ID: 4120260-04

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Phenanthrene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Anthracene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Carbazole	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Fluoranthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Pyrene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Chrysene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 19:23	

Surrogate: 2-Fluorophenol	27.1 %	15 - 110	B4L1513	12/15/2014	12/17/2014 19:23
Surrogate: Phenol-d6	18.4 %	15 - 110	B4L1513	12/15/2014	12/17/2014 19:23
Surrogate: Nitrobenzene-d5	57.6 %	30 - 130	B4L1513	12/15/2014	12/17/2014 19:23
Surrogate: 2-Fluorobiphenyl	58.4 %	30 - 130	B4L1513	12/15/2014	12/17/2014 19:23
Surrogate: 2,4,6-Tribromophenol	76.7 %	15 - 110	B4L1513	12/15/2014	12/17/2014 19:23
Surrogate: Terphenyl-d14	73.9 %	30 - 130	B4L1513	12/15/2014	12/17/2014 19:23

Client Sample ID MW-3

Lab ID: 4120260-04

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Acetone	ND	50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Chloroform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Benzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Toluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
2-Hexanone	ND	25	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	

Client Sample ID MW-3

Lab ID: 4120260-04

Volatile Organics

Analyst: JS

Method: EPA 8260C

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Styrene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Bromoform	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1137	12/11/2014	12/11/2014 21:56	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>118 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 21:56</i>	
<i>Surrogate: Toluene-d8</i>	<i>97.1 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 21:56</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>100 %</i>	<i>70 - 130</i>			B4L1137	12/11/2014	<i>12/11/2014 21:56</i>	

Client Sample ID Equipment Blank (WLM)

Lab ID: 4120260-05

Total Metals

Method: EPA 200.7

Analyst: SS

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Selenium	ND	0.010	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Chromium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Barium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Silver	ND	0.012	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Copper	ND	0.040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Nickel	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Zinc	ND	0.020	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Antimony	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Thallium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	
Vanadium	ND	0.050	1	EPA 3005A	B4L1730	12/17/2014	12/17/2014 19:18	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B4L1201	12/12/2014	12/13/2014 18:47	
<i>Surrogate: Octacosane</i>	<i>103 %</i>	<i>50 - 150</i>			B4L1201	12/12/2014	<i>12/13/2014 18:47</i>	

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Pyridine	ND	4.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	

Client Sample ID Equipment Blank (WLM)

Lab ID: 4120260-05

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Aniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Isophorone	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Acenaphthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Fluorene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	

Client Sample ID Equipment Blank (WLM)

Lab ID: 4120260-05

Semivolatile Organics

Analyst: ALB

Method: EPA 8270D

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Phenanthrene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Anthracene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Carbazole	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Fluoranthene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Pyrene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Chrysene	ND	1.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1513	12/15/2014	12/17/2014 20:05	

Surrogate: 2-Fluorophenol	30.1 %	15 - 110		B4L1513	12/15/2014	12/17/2014 20:05
Surrogate: Phenol-d6	20.3 %	15 - 110		B4L1513	12/15/2014	12/17/2014 20:05
Surrogate: Nitrobenzene-d5	57.1 %	30 - 130		B4L1513	12/15/2014	12/17/2014 20:05
Surrogate: 2-Fluorobiphenyl	57.3 %	30 - 130		B4L1513	12/15/2014	12/17/2014 20:05
Surrogate: 2,4,6-Tribromophenol	64.4 %	15 - 110		B4L1513	12/15/2014	12/17/2014 20:05
Surrogate: Terphenyl-d14	70.1 %	30 - 130		B4L1513	12/15/2014	12/17/2014 20:05

Client Sample ID Equipment Blank (WLM)

Lab ID: 4120260-05

Volatile Organics

Analyst: JS

Method: EPA 8260C

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Acetone	ND	50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	*F1
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Chloroform	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Benzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Toluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
2-Hexanone	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	

Client Sample ID Equipment Blank (WLM)

Lab ID: 4120260-05

Volatile Organics

Analyst: JS

Method: EPA 8260C

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Styrene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Bromoform	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:10	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>113 %</i>	<i>70 - 130</i>			B4L1502	12/12/2014	<i>12/12/2014 14:10</i>
<i>Surrogate: Toluene-d8</i>	<i>95.7 %</i>	<i>70 - 130</i>			B4L1502	12/12/2014	<i>12/12/2014 14:10</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99.2 %</i>	<i>70 - 130</i>			B4L1502	12/12/2014	<i>12/12/2014 14:10</i>

Client Sample ID Trip Blank

Lab ID: 4120260-06

Volatile Organics
Method: EPA 8260C

Analyst: JS
Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Acetone	ND	50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	*F1
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Chloroform	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Benzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Toluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
2-Hexanone	ND	25	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	

Client Sample ID Trip Blank

Lab ID: 4120260-06

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Styrene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Bromoform	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1502	12/12/2014	12/12/2014 14:46	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>115 %</i>	<i>70 - 130</i>			B4L1502	12/12/2014	<i>12/12/2014 14:46</i>
<i>Surrogate: Toluene-d8</i>	<i>96.6 %</i>	<i>70 - 130</i>			B4L1502	12/12/2014	<i>12/12/2014 14:46</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99.8 %</i>	<i>70 - 130</i>			B4L1502	12/12/2014	<i>12/12/2014 14:46</i>

QUALITY CONTROL SECTION

Batch B4L1137 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
Blank (B4L1137-BLK1)									Prepared: 12/11/2014 Analyzed: 12/11/2014
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
Blank (B4L1137-BLK1) - Continued					Prepared: 12/11/2014 Analyzed: 12/11/2014				
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							
2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							

Surrogate: 1,2-Dichloroethane-d4

116 70 - 130

Surrogate: Toluene-d8

98.2 70 - 130

Surrogate: 4-Bromofluorobenzene

102 70 - 130

LCS (B4L1137-BS1)

Prepared: 12/11/2014 Analyzed: 12/11/2014

Dichlorodifluoromethane	47.3	10	50.000		94.6	70 - 130			
Chloromethane	47.8	2.7	50.000		95.6	70 - 130			
Vinyl Chloride	47.3	1.6	50.000		94.6	70 - 130			
Bromomethane	49.8	1.0	50.000		99.7	70 - 130			
Chloroethane	49.6	5.0	50.000		99.2	70 - 130			
Trichlorofluoromethane	53.0	25	50.000		106	70 - 130			
Acetone	88.8	50	100.000		88.8	70 - 130			
Acrylonitrile	46.5	0.50	50.000		93.0	70 - 130			
Trichlorotrifluoroethane	44.0	25	50.000		88.0	70 - 130			
1,1-Dichloroethene	47.6	1.0	50.000		95.1	70 - 130			
Methylene Chloride	40.9	5.0	50.000		81.8	70 - 130			
Carbon Disulfide	52.9	1.0	50.000		106	70 - 130			
Methyl-t-Butyl Ether (MTBE)	44.1	5.0	50.000		88.1	70 - 130			
trans-1,2-Dichloroethene	48.7	1.0	50.000		97.4	70 - 130			
1,1-Dichloroethane	48.4	1.0	50.000		96.8	70 - 130			
2-Butanone (MEK)	92.3	25	100.000		92.3	70 - 130			
2,2-Dichloropropane	51.9	1.0	50.000		104	70 - 130			
cis-1,2-Dichloroethene	52.2	1.0	50.000		104	70 - 130			
Chloroform	51.8	1.0	50.000		104	70 - 130			
Tetrahydrofuran	53.3	5.0	50.000		107	70 - 130			
1,1,1-Trichloroethane	48.5	1.0	50.000		97.0	70 - 130			
Carbon Tetrachloride	52.1	1.0	50.000		104	70 - 130			
1,1-Dichloropropene	50.1	1.0	50.000		100	70 - 130			
Benzene	50.5	1.0	50.000		101	70 - 130			
1,2-Dichloroethane	48.6	1.0	50.000		97.3	70 - 130			
Trichloroethene	48.3	1.0	50.000		96.7	70 - 130			
1,2-Dichloropropane	51.1	1.0	50.000		102	70 - 130			
Dibromomethane	54.6	1.0	50.000		109	70 - 130			
Bromodichloromethane	51.2	0.50	50.000		102	70 - 130			

CET #:4120260

Project: Harbor Drive, Middletown

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L1137-BS1) - Continued					Prepared: 12/11/2014 Analyzed: 12/11/2014				
Methyl Isobutyl Ketone	112	25	100.000		112	70 - 130			
cis-1,3-Dichloropropene	54.9	0.50	50.000		110	70 - 130			
Toluene	50.6	1.0	50.000		101	70 - 130			
trans-1,3-Dichloropropene	54.5	0.50	50.000		109	70 - 130			
2-Hexanone	100	25	100.000		100	70 - 130			
1,1,2-Trichloroethane	52.9	1.0	50.000		106	70 - 130			
Tetrachloroethene	55.9	1.0	50.000		112	70 - 130			
1,3-Dichloropropane	51.9	0.50	50.000		104	70 - 130			
Dibromochloromethane	54.0	0.50	50.000		108	70 - 130			
1,2-Dibromoethane	53.5	0.50	50.000		107	70 - 130			
trans-1,4-Dichloro-2-Butene	53.0	10	50.000		106	70 - 130			
Chlorobenzene	49.0	1.0	50.000		98.0	70 - 130			
1,1,1,2-Tetrachloroethane	48.5	1.0	50.000		97.0	70 - 130			
Ethylbenzene	47.6	1.0	50.000		95.2	70 - 130			
m+p Xylenes	100	1.0	100.000		100	70 - 130			
o-Xylene	51.1	1.0	50.000		102	70 - 130			
Styrene	52.9	1.0	50.000		106	70 - 130			
Bromoform	52.8	1.0	50.000		106	70 - 130			
Isopropylbenzene	53.1	1.0	50.000		106	70 - 130			
1,1,2,2-Tetrachloroethane	52.4	0.50	50.000		105	70 - 130			
Bromobenzene	45.7	1.0	50.000		91.4	70 - 130			
1,2,3-Trichloropropane	47.0	1.0	50.000		94.0	70 - 130			
n-Propylbenzene	46.7	1.0	50.000		93.5	70 - 130			
2-Chlorotoluene	46.7	1.0	50.000		93.4	70 - 130			
4-Chlorotoluene	48.6	1.0	50.000		97.2	70 - 130			
1,3,5-Trimethylbenzene	47.9	1.0	50.000		95.7	70 - 130			
tert-Butylbenzene	50.3	1.0	50.000		101	70 - 130			
1,2,4-Trimethylbenzene	48.6	1.0	50.000		97.1	70 - 130			
sec-Butylbenzene	49.3	1.0	50.000		98.6	70 - 130			
1,3-Dichlorobenzene	48.2	1.0	50.000		96.4	70 - 130			
4-Isopropyltoluene	50.6	1.0	50.000		101	70 - 130			
1,4-Dichlorobenzene	48.2	1.0	50.000		96.4	70 - 130			
1,2-Dichlorobenzene	49.0	1.0	50.000		98.0	70 - 130			
n-Butylbenzene	49.1	1.0	50.000		98.1	70 - 130			
1,2-Dibromo-3-Chloropropane	41.9	1.0	50.000		83.8	70 - 130			
1,2,4-Trichlorobenzene	44.7	1.0	50.000		89.3	70 - 130			
Hexachlorobutadiene	50.0	0.45	50.000		99.9	70 - 130			
Naphthalene	39.5	1.0	50.000		78.9	70 - 130			
1,2,3-Trichlorobenzene	44.7	1.0	50.000		89.3	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>108</i>	<i>70 - 130</i>			
<i>Surrogate: Toluene-d8</i>					<i>102</i>	<i>70 - 130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>110</i>	<i>70 - 130</i>			

Duplicate (B4L1137-DUP1)

Source: 4120260-03

Prepared: 12/12/2014 Analyzed: 12/12/2014

Dichlorodifluoromethane	ND	10		ND				30
Chloromethane	ND	2.7		ND				30
Vinyl Chloride	ND	1.6		ND				30
Bromomethane	ND	1.0		ND				30
Chloroethane	ND	5.0		ND				30
Trichlorofluoromethane	ND	25		ND				30
Acetone	53.7	50		51.8		3.77		30
Acrylonitrile	ND	0.50		ND				30
Trichlorotrifluoroethane	ND	25		ND				30

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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec Limits	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (B4L1137-DUP1) - Continued		Source: 4120260-03			Prepared: 12/12/2014 Analyzed: 12/12/2014				
1,1-Dichloroethene	ND	1.0		ND				30	
Methylene Chloride	ND	5.0		ND				30	
Carbon Disulfide	ND	1.0		ND				30	
Methyl-t-Butyl Ether (MTBE)	ND	5.0		ND				30	
trans-1,2-Dichloroethene	ND	1.0		ND				30	
1,1-Dichloroethane	ND	1.0		ND				30	
2-Butanone (MEK)	ND	25		ND				30	
2,2-Dichloropropane	ND	1.0		ND				30	
cis-1,2-Dichloroethene	ND	1.0		ND				30	
Chloroform	ND	1.0		ND				30	
Tetrahydrofuran	ND	5.0		ND				30	
1,1,1-Trichloroethane	ND	1.0		ND				30	
Carbon Tetrachloride	ND	1.0		ND				30	
1,1-Dichloropropene	ND	1.0		ND				30	
Benzene	ND	1.0		ND				30	
1,2-Dichloroethane	ND	1.0		ND				30	
Trichloroethene	ND	1.0		ND				30	
1,2-Dichloropropane	ND	1.0		ND				30	
Dibromomethane	ND	1.0		ND				30	
Bromodichloromethane	ND	0.50		ND				30	
Methyl Isobutyl Ketone	ND	25		ND				30	
cis-1,3-Dichloropropene	ND	0.50		ND				30	
Toluene	ND	1.0		ND				30	
trans-1,3-Dichloropropene	ND	0.50		ND				30	
2-Hexanone	ND	25		ND				30	
1,1,2-Trichloroethane	ND	1.0		ND				30	
Tetrachloroethene	ND	1.0		ND				30	
1,3-Dichloropropane	ND	0.50		ND				30	
Dibromochloromethane	ND	0.50		ND				30	
1,2-Dibromoethane	ND	0.50		ND				30	
trans-1,4-Dichloro-2-Butene	ND	10		ND				30	
Chlorobenzene	ND	1.0		ND				30	
1,1,1,2-Tetrachloroethane	ND	1.0		ND				30	
Ethylbenzene	ND	1.0		ND				30	
m+p Xylenes	ND	1.0		ND				30	
o-Xylene	ND	1.0		ND				30	
Styrene	ND	1.0		ND				30	
Bromoform	ND	1.0		ND				30	
Isopropylbenzene	ND	1.0		1.12				30	
1,1,2,2-Tetrachloroethane	ND	0.50		ND				30	
Bromobenzene	ND	1.0		ND				30	
1,2,3-Trichloropropane	ND	1.0		ND				30	
n-Propylbenzene	1.39	1.0		1.38			0.722	30	
2-Chlorotoluene	ND	1.0		ND				30	
4-Chlorotoluene	ND	1.0		ND				30	
1,3,5-Trimethylbenzene	ND	1.0		ND				30	
tert-Butylbenzene	ND	1.0		ND				30	
1,2,4-Trimethylbenzene	ND	1.0		ND				30	
sec-Butylbenzene	1.86	1.0		1.81			2.72	30	
1,3-Dichlorobenzene	ND	1.0		ND				30	
4-Isopropyltoluene	ND	1.0		ND				30	
1,4-Dichlorobenzene	ND	1.0		ND				30	
1,2-Dichlorobenzene	ND	1.0		ND				30	

CET #:4120260

Project: Harbor Drive, Middletown

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (B4L1137-DUP1) - Continued		Source: 4120260-03			Prepared: 12/12/2014 Analyzed: 12/12/2014				
n-Butylbenzene	ND	1.0		ND				30	
1,2-Dibromo-3-Chloropropane	ND	1.0		ND				30	
1,2,4-Trichlorobenzene	ND	1.0		ND				30	
Hexachlorobutadiene	ND	0.45		ND				30	
Naphthalene	ND	1.0		ND				30	
1,2,3-Trichlorobenzene	ND	1.0		ND				30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>115</i>	<i>70 - 130</i>			
<i>Surrogate: Toluene-d8</i>					<i>99.9</i>	<i>70 - 130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>103</i>	<i>70 - 130</i>			
Matrix Spike (B4L1137-MS1)		Source: 4120260-04			Prepared: 12/12/2014 Analyzed: 12/12/2014				
Dichlorodifluoromethane	15.9	10	50.000	ND	31.7	70 - 130			L
Chloromethane	49.7	2.7	50.000	ND	99.3	70 - 130			
Vinyl Chloride	48.4	1.6	50.000	ND	96.8	70 - 130			
Bromomethane	51.1	1.0	50.000	ND	102	70 - 130			
Chloroethane	52.5	5.0	50.000	ND	105	70 - 130			
Trichlorofluoromethane	53.8	25	50.000	ND	108	70 - 130			
Acetone	60.5	50	100.000	ND	60.5	70 - 130			L
Acrylonitrile	45.2	0.50	50.000	ND	90.4	70 - 130			
Trichlorotrifluoroethane	41.7	25	50.000	ND	83.4	70 - 130			
1,1-Dichloroethene	47.7	1.0	50.000	ND	95.4	70 - 130			
Methylene Chloride	39.2	5.0	50.000	ND	78.4	70 - 130			
Carbon Disulfide	51.0	1.0	50.000	ND	102	70 - 130			
Methyl-t-Butyl Ether (MTBE)	44.6	5.0	50.000	ND	89.2	70 - 130			
trans-1,2-Dichloroethene	47.9	1.0	50.000	ND	95.8	70 - 130			
1,1-Dichloroethane	46.0	1.0	50.000	ND	91.9	70 - 130			
2-Butanone (MEK)	75.5	25	100.000	ND	75.5	70 - 130			
2,2-Dichloropropane	28.8	1.0	50.000	ND	57.7	70 - 130			L
cis-1,2-Dichloroethene	47.3	1.0	50.000	ND	94.6	70 - 130			
Chloroform	47.0	1.0	50.000	ND	94.0	70 - 130			
Tetrahydrofuran	48.0	5.0	50.000	ND	96.0	70 - 130			
1,1,1-Trichloroethane	48.5	1.0	50.000	ND	96.9	70 - 130			
Carbon Tetrachloride	49.6	1.0	50.000	ND	99.3	70 - 130			
1,1-Dichloropropene	48.4	1.0	50.000	ND	96.8	70 - 130			
Benzene	48.1	1.0	50.000	ND	96.2	70 - 130			
1,2-Dichloroethane	46.7	1.0	50.000	ND	93.4	70 - 130			
Trichloroethene	44.4	1.0	50.000	ND	88.9	70 - 130			
1,2-Dichloropropane	48.0	1.0	50.000	ND	96.1	70 - 130			
Dibromomethane	53.1	1.0	50.000	ND	106	70 - 130			
Bromodichloromethane	47.8	0.50	50.000	ND	95.6	70 - 130			
Methyl Isobutyl Ketone	93.4	25	100.000	ND	93.4	70 - 130			
cis-1,3-Dichloropropene	47.8	0.50	50.000	ND	95.6	70 - 130			
Toluene	47.7	1.0	50.000	ND	95.3	70 - 130			
trans-1,3-Dichloropropene	47.5	0.50	50.000	ND	94.9	70 - 130			
2-Hexanone	84.6	25	100.000	ND	84.6	70 - 130			
1,1,2-Trichloroethane	49.6	1.0	50.000	ND	99.3	70 - 130			
Tetrachloroethene	52.5	1.0	50.000	ND	105	70 - 130			
1,3-Dichloropropane	48.9	0.50	50.000	ND	97.8	70 - 130			
Dibromochloromethane	52.4	0.50	50.000	ND	105	70 - 130			
1,2-Dibromoethane	52.2	0.50	50.000	ND	104	70 - 130			
trans-1,4-Dichloro-2-Butene	41.1	10	50.000	ND	82.3	70 - 130			
Chlorobenzene	46.7	1.0	50.000	ND	93.3	70 - 130			
1,1,1,2-Tetrachloroethane	46.7	1.0	50.000	ND	93.5	70 - 130			

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CET #:4120260

Project: Harbor Drive, Middletown

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike (B4L1137-MS1) - Continued		Source: 4120260-04			Prepared: 12/12/2014 Analyzed: 12/12/2014				
Ethylbenzene	45.0	1.0	50.000	ND	90.0	70 - 130			
m+p Xylenes	95.6	1.0	100.000	ND	95.6	70 - 130			
o-Xylene	49.2	1.0	50.000	ND	98.3	70 - 130			
Styrene	50.3	1.0	50.000	ND	101	70 - 130			
Bromoform	52.6	1.0	50.000	ND	105	70 - 130			
Isopropylbenzene	50.8	1.0	50.000	ND	102	70 - 130			
1,1,2,2-Tetrachloroethane	54.7	0.50	50.000	ND	109	70 - 130			
Bromobenzene	44.7	1.0	50.000	ND	89.3	70 - 130			
1,2,3-Trichloropropane	47.1	1.0	50.000	ND	94.1	70 - 130			
n-Propylbenzene	44.7	1.0	50.000	ND	89.4	70 - 130			
2-Chlorotoluene	45.5	1.0	50.000	ND	91.1	70 - 130			
4-Chlorotoluene	45.9	1.0	50.000	ND	91.7	70 - 130			
1,3,5-Trimethylbenzene	46.4	1.0	50.000	ND	92.7	70 - 130			
tert-Butylbenzene	49.1	1.0	50.000	ND	98.2	70 - 130			
1,2,4-Trimethylbenzene	47.0	1.0	50.000	ND	94.0	70 - 130			
sec-Butylbenzene	46.9	1.0	50.000	ND	93.9	70 - 130			
1,3-Dichlorobenzene	47.3	1.0	50.000	ND	94.6	70 - 130			
4-Isopropyltoluene	48.8	1.0	50.000	ND	97.6	70 - 130			
1,4-Dichlorobenzene	47.3	1.0	50.000	ND	94.6	70 - 130			
1,2-Dichlorobenzene	48.2	1.0	50.000	ND	96.5	70 - 130			
n-Butylbenzene	45.8	1.0	50.000	ND	91.6	70 - 130			
1,2-Dibromo-3-Chloropropane	47.2	1.0	50.000	ND	94.4	70 - 130			
1,2,4-Trichlorobenzene	51.7	1.0	50.000	ND	103	70 - 130			
Hexachlorobutadiene	50.5	0.45	50.000	ND	101	70 - 130			
Naphthalene	60.9	1.0	50.000	ND	122	70 - 130			
1,2,3-Trichlorobenzene	51.7	1.0	50.000	ND	103	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					109	70 - 130			
<i>Surrogate: Toluene-d8</i>					99.2	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>					111	70 - 130			

CET #:4120260

Project: Harbor Drive, Middletown

Batch B4L1201 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1201-BLK1)									Prepared: 12/12/2014 Analyzed: 12/13/2014
ETPH	ND	0.10							
<i>Surrogate: Octacosane</i>					101	50 - 150			
LCS (B4L1201-BS1)									Prepared: 12/12/2014 Analyzed: 12/13/2014
ETPH	4.89	0.10	5.000		97.8	60 - 120			
<i>Surrogate: Octacosane</i>					103	50 - 150			

Batch B4L1502 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1502-BLK1)									Prepared: 12/12/2014 Analyzed: 12/12/2014
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B4L1502-BLK1) - Continued

Prepared: 12/12/2014 Analyzed: 12/12/2014

2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							

Surrogate: 1,2-Dichloroethane-d4

114 70 - 130

Surrogate: Toluene-d8

97.5 70 - 130

Surrogate: 4-Bromofluorobenzene

101 70 - 130

LCS (B4L1502-BS1)

Prepared: 12/12/2014 Analyzed: 12/12/2014

Dichlorodifluoromethane	39.1	10	50.000		78.2	70 - 130			
Chloromethane	42.4	2.7	50.000		84.8	70 - 130			
Vinyl Chloride	41.7	1.6	50.000		83.3	70 - 130			
Bromomethane	45.0	1.0	50.000		90.0	70 - 130			
Chloroethane	44.8	5.0	50.000		89.6	70 - 130			
Trichlorofluoromethane	47.4	25	50.000		94.7	70 - 130			
Acetone	85.5	50	100.000		85.5	70 - 130			
Acrylonitrile	47.8	0.50	50.000		95.5	70 - 130			
Trichlorotrifluoroethane	44.0	25	50.000		87.9	70 - 130			
1,1-Dichloroethene	49.7	1.0	50.000		99.3	70 - 130			
Methylene Chloride	43.4	5.0	50.000		86.8	70 - 130			
Carbon Disulfide	53.5	1.0	50.000		107	70 - 130			
Methyl-t-Butyl Ether (MTBE)	45.9	5.0	50.000		91.8	70 - 130			
trans-1,2-Dichloroethene	51.5	1.0	50.000		103	70 - 130			
1,1-Dichloroethane	50.1	1.0	50.000		100	70 - 130			
2-Butanone (MEK)	95.1	25	100.000		95.1	70 - 130			
2,2-Dichloropropane	31.8	1.0	50.000		63.5	70 - 130			L
cis-1,2-Dichloroethene	51.3	1.0	50.000		103	70 - 130			
Chloroform	54.0	1.0	50.000		108	70 - 130			
Tetrahydrofuran	53.3	5.0	50.000		107	70 - 130			
1,1,1-Trichloroethane	52.1	1.0	50.000		104	70 - 130			
Carbon Tetrachloride	55.3	1.0	50.000		111	70 - 130			
1,1-Dichloropropene	52.7	1.0	50.000		105	70 - 130			
Benzene	52.9	1.0	50.000		106	70 - 130			
1,2-Dichloroethane	51.1	1.0	50.000		102	70 - 130			
Trichloroethene	62.1	1.0	50.000		124	70 - 130			
1,2-Dichloropropane	53.3	1.0	50.000		107	70 - 130			
Dibromomethane	57.9	1.0	50.000		116	70 - 130			
Bromodichloromethane	53.7	0.50	50.000		107	70 - 130			
Methyl Isobutyl Ketone	117	25	100.000		117	70 - 130			
cis-1,3-Dichloropropene	53.8	0.50	50.000		108	70 - 130			
Toluene	53.6	1.0	50.000		107	70 - 130			

CET #:4120260

Project: Harbor Drive, Middletown

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L1502-BS1) - Continued					Prepared: 12/12/2014 Analyzed: 12/12/2014				
trans-1,3-Dichloropropene	54.3	0.50	50.000		109	70 - 130			
2-Hexanone	102	25	100.000		102	70 - 130			
1,1,2-Trichloroethane	55.9	1.0	50.000		112	70 - 130			
Tetrachloroethene	57.7	1.0	50.000		115	70 - 130			
1,3-Dichloropropane	55.5	0.50	50.000		111	70 - 130			
Dibromochloromethane	56.7	0.50	50.000		113	70 - 130			
1,2-Dibromoethane	56.9	0.50	50.000		114	70 - 130			
trans-1,4-Dichloro-2-Butene	47.1	10	50.000		94.1	70 - 130			
Chlorobenzene	50.8	1.0	50.000		102	70 - 130			
1,1,1,2-Tetrachloroethane	51.1	1.0	50.000		102	70 - 130			
Ethylbenzene	49.1	1.0	50.000		98.3	70 - 130			
m+p Xylenes	105	1.0	100.000		105	70 - 130			
o-Xylene	54.2	1.0	50.000		108	70 - 130			
Styrene	55.8	1.0	50.000		112	70 - 130			
Bromoform	57.3	1.0	50.000		115	70 - 130			
Isopropylbenzene	56.8	1.0	50.000		114	70 - 130			
1,1,2,2-Tetrachloroethane	41.8	0.50	50.000		83.5	70 - 130			
Bromobenzene	48.3	1.0	50.000		96.7	70 - 130			
1,2,3-Trichloropropane	49.9	1.0	50.000		99.8	70 - 130			
n-Propylbenzene	48.4	1.0	50.000		96.7	70 - 130			
2-Chlorotoluene	49.5	1.0	50.000		99.1	70 - 130			
4-Chlorotoluene	48.7	1.0	50.000		97.4	70 - 130			
1,3,5-Trimethylbenzene	50.3	1.0	50.000		101	70 - 130			
tert-Butylbenzene	52.9	1.0	50.000		106	70 - 130			
1,2,4-Trimethylbenzene	51.2	1.0	50.000		102	70 - 130			
sec-Butylbenzene	50.6	1.0	50.000		101	70 - 130			
1,3-Dichlorobenzene	46.4	1.0	50.000		92.8	70 - 130			
4-Isopropyltoluene	51.6	1.0	50.000		103	70 - 130			
1,4-Dichlorobenzene	50.2	1.0	50.000		100	70 - 130			
1,2-Dichlorobenzene	50.9	1.0	50.000		102	70 - 130			
n-Butylbenzene	47.6	1.0	50.000		95.1	70 - 130			
1,2-Dibromo-3-Chloropropane	45.8	1.0	50.000		91.5	70 - 130			
1,2,4-Trichlorobenzene	45.2	1.0	50.000		90.3	70 - 130			
Hexachlorobutadiene	47.6	0.45	50.000		95.3	70 - 130			
Naphthalene	41.5	1.0	50.000		82.9	70 - 130			
1,2,3-Trichlorobenzene	45.2	1.0	50.000		90.3	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>102</i>	<i>70 - 130</i>			
<i>Surrogate: Toluene-d8</i>					<i>100</i>	<i>70 - 130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>114</i>	<i>70 - 130</i>			

CET #:4120260

Project: Harbor Drive, Middletown

Batch B4L1503 - EPA 335.4

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1503-BLK1)									Prepared: 12/15/2014 Analyzed: 12/15/2014
Cyanide,Total	ND	0.050							
LCS (B4L1503-BS1)									Prepared: 12/15/2014 Analyzed: 12/15/2014
Cyanide,Total	0.17	0.050	0.200		86.5	80 - 120			

CET #:4120260

Project: Harbor Drive, Middletown

Batch B4L1506 - EPA 7470A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1506-BLK1)									Prepared: 12/15/2014 Analyzed: 12/15/2014
Mercury	ND	0.00040							
LCS (B4L1506-BS1)									Prepared: 12/15/2014 Analyzed: 12/15/2014
Mercury	0.00499	0.00040	0.005		99.8	90 - 110			
Duplicate (B4L1506-DUP1)									Prepared: 12/15/2014 Analyzed: 12/15/2014
Mercury	0.0000310	0.00040		0.0000350			12.1	20	
Matrix Spike (B4L1506-MS1)									Prepared: 12/15/2014 Analyzed: 12/15/2014
Mercury	0.00539	0.00040	0.005	0.0000350	107	80 - 120			
Matrix Spike Dup (B4L1506-MSD1)									Prepared: 12/15/2014 Analyzed: 12/15/2014
Mercury	0.00542	0.00040	0.005	0.0000350	108	80 - 120	0.555	20	

CET #:4120260

Project: Harbor Drive, Middletown

Batch B4L1513 - EPA 8270D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1513-BLK1)									Prepared: 12/15/2014 Analyzed: 12/17/2014
Phenol	ND	20							
1,3-Dichlorobenzene	ND	5.0							
n-Nitroso-di-n-propylamine	ND	10							
Pyridine	ND	4.0							
n-Nitroso-dimethylamine	ND	20							
bis(2-Chloroethyl)ether	ND	10							
Aniline	ND	20							
2-Chlorophenol	ND	20							
1,4-Dichlorobenzene	ND	5.0							
Benzyl Alcohol	ND	20							
1,2-Dichlorobenzene	ND	5.0							
bis(2-Chloroisopropyl)ether	ND	10							
Hexachloroethane	ND	3.0							
2-Methyl Phenol	ND	20							
3+4 Methyl Phenol	ND	20							
Naphthalene	ND	1.0							
2-Nitrophenol	ND	20							
2,4-Dichlorophenol	ND	20							
Hexachlorobutadiene	ND	20							
4-Chloro-3-methylphenol	ND	20							
Nitrobenzene	ND	20							
Isophorone	ND	20							
2,4-Dimethylphenol	ND	20							
bis(2-Chloroethoxy)methane	ND	20							
Benzoic Acid	ND	20							
1,2,4-Trichlorobenzene	ND	5.0							
2,6-Dichlorophenol	ND	20							
4-Chloroaniline	ND	20							
1,2,4,5-Tetrachlorobenzene	ND	20							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Dibenzofuran	ND	1.0							
Fluorene	ND	1.0							
Hexachlorocyclopentadiene	ND	20							
2,4,6-Trichlorophenol	ND	20							
2,4,5-Trichlorophenol	ND	20							
2,4-Dinitrophenol	ND	20							
4-Nitrophenol	ND	75							
2-Chloronaphthalene	ND	20							
2-Nitroaniline	ND	20							
Dimethylphthalate	ND	20							
2,6-Dinitrotoluene	ND	75							
4-Nitroaniline	ND	20							
2,4-Dinitrotoluene	ND	75							
2,3,4,6-Tetrachlorophenol	ND	20							
4-Chlorophenyl-phenylether	ND	20							
Diethylphthalate	ND	20							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Carbazole	ND	1.0							
Fluoranthene	ND	1.0							

Complete Environmental Testing, Inc.

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Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1513-BLK1) - Continued					Prepared: 12/15/2014 Analyzed: 12/17/2014				
Pyrene	ND	1.0							
n-Nitrosodiphenylamine	ND	20							
Pentachlorophenol	ND	1.0							
3-Nitroaniline	ND	20							
4,6-Dinitro-2-methylphenol	ND	20							
1,2-Diphenylhydrazine	ND	20							
4-Bromophenyl-phenylether	ND	20							
Hexachlorobenzene	ND	0.077							
Pentachloronitrobenzene	ND	20							
Di-n-butylphthalate	ND	20							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	1.0							
Butylbenzylphthalate	ND	20							
3,3-Dichlorobenzidine	ND	75							
bis(2-Ethylhexyl)phthalate	ND	2.0							
Di-n-octylphthalate	ND	20							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.20							
Dibenz[a,h]anthracene	ND	0.20							
Benzo[g,h,i]perylene	ND	0.40							

Surrogate: 2-Fluorophenol

29.0 15 - 110

Surrogate: Phenol-d6

19.0 15 - 110

Surrogate: Nitrobenzene-d5

60.3 30 - 130

Surrogate: 2-Fluorobiphenyl

59.3 30 - 130

Surrogate: 2,4,6-Tribromophenol

66.1 15 - 110

Surrogate: Terphenyl-d14

81.4 30 - 130

LCS (B4L1513-BS1)

Prepared: 12/15/2014 Analyzed: 12/17/2014

Phenol	10.9	10	30.000		36.4	30 - 130			
1,3-Dichlorobenzene	24.5	5.0	30.000		81.7	40 - 140			
n-Nitroso-di-n-propylamine	26.2	10	30.000		87.4	40 - 140			
Pyridine	13.6	4.0	30.000		45.2	40 - 140			
n-Nitroso-dimethylamine	15.6	10	30.000		51.9	40 - 140			
bis(2-Chloroethyl)ether	24.6	10	30.000		82.1	40 - 140			
Aniline	12.2	10	30.000		40.7	40 - 140			
2-Chlorophenol	23.1	20	30.000		77.1	30 - 130			
1,4-Dichlorobenzene	23.9	5.0	30.000		79.6	40 - 140			
Benzyl Alcohol	23.5	20	30.000		78.4	30 - 130			
1,2-Dichlorobenzene	24.8	5.0	30.000		82.8	40 - 140			
bis(2-Chloroisopropyl)ether	25.9	10	30.000		86.2	40 - 140			
Hexachloroethane	24.1	3.0	30.000		80.5	40 - 140			
2-Methyl Phenol	21.1	20	30.000		70.4	30 - 130			
3+4 Methyl Phenol	19.3	10	30.000		64.2	30 - 130			
Naphthalene	26.2	1.0	30.000		87.2	40 - 140			
2-Nitrophenol	26.3	20	30.000		87.5	30 - 130			
2,4-Dichlorophenol	27.5	20	30.000		91.8	30 - 130			
Hexachlorobutadiene	24.0	20	30.000		80.0	40 - 140			
4-Chloro-3-methylphenol	26.7	20	30.000		89.1	30 - 130			
Nitrobenzene	25.3	20	30.000		84.5	40 - 140			
Isophorone	27.0	20	30.000		90.1	40 - 140			
2,4-Dimethylphenol	23.0	20	30.000		76.7	30 - 130			

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L1513-BS1) - Continued					Prepared: 12/15/2014 Analyzed: 12/17/2014				
bis(2-Chloroethoxy)methane	28.5	20	30.000		94.8	40 - 140			
Benzoic Acid	12.8	10	30.000		42.5	30 - 130			
1,2,4-Trichlorobenzene	25.2	5.0	30.000		83.9	40 - 140			
2,6-Dichlorophenol	25.1	20	30.000		83.7	30 - 130			
4-Chloroaniline	51.5	20	30.000		172	40 - 140			H
1,2,4,5-Tetrachlorobenzene	25.9	20	30.000		86.2	40 - 140			
2-Methyl Naphthalene	26.6	1.0	30.000		88.7	40 - 140			
Acenaphthylene	26.0	0.30	30.000		86.5	40 - 140			
Acenaphthene	27.4	1.0	30.000		91.2	40 - 140			
Dibenzofuran	28.2	1.0	30.000		94.0	40 - 140			
Fluorene	25.0	1.0	30.000		83.5	40 - 140			
Hexachlorocyclopentadiene	26.9	20	30.000		89.5	40 - 140			
2,4,6-Trichlorophenol	29.7	20	30.000		98.8	30 - 130			
2,4,5-Trichlorophenol	30.6	20	30.000		102	30 - 130			
2,4-Dinitrophenol	34.5	20	30.000		115	30 - 130			
4-Nitrophenol	15.7	10	30.000		52.2	30 - 130			
2-Chloronaphthalene	27.2	20	30.000		90.7	40 - 140			
2-Nitroaniline	32.4	20	30.000		108	40 - 140			
Dimethylphthalate	30.6	20	30.000		102	40 - 140			
2,6-Dinitrotoluene	31.1	10	30.000		104	40 - 140			
4-Nitroaniline	26.3	20	30.000		87.7	40 - 140			
2,4-Dinitrotoluene	32.9	10	30.000		110	40 - 140			
2,3,4,6-Tetrachlorophenol	30.1	20	30.000		100	30 - 130			
4-Chlorophenyl-phenylether	28.4	20	30.000		94.7	40 - 140			
Diethylphthalate	28.4	20	30.000		94.5	40 - 140			
Phenanthrene	28.0	0.077	30.000		93.3	40 - 140			
Anthracene	26.9	1.0	30.000		89.5	40 - 140			
Carbazole	33.5	1.0	30.000		112	40 - 140			
Fluoranthene	27.1	1.0	30.000		90.4	40 - 140			
Pyrene	27.2	1.0	30.000		90.6	40 - 140			
n-Nitrosodiphenylamine	27.8	20	30.000		92.7	40 - 140			
Pentachlorophenol	31.1	1.0	30.000		104	30 - 130			
3-Nitroaniline	47.9	20	30.000		160	40 - 140			H
4,6-Dinitro-2-methylphenol	35.0	20	30.000		117	30 - 130			
1,2-Diphenylhydrazine	27.4	20	30.000		91.3	40 - 140			
4-Bromophenyl-phenylether	28.6	20	30.000		95.2	40 - 140			
Hexachlorobenzene	28.2	0.077	30.000		94.1	40 - 140			
Pentachloronitrobenzene	28.3	20	30.000		94.4	40 - 140			
Di-n-butylphthalate	26.8	20	30.000		89.3	40 - 140			
Benzo[a]anthracene	27.1	0.060	30.000		90.3	40 - 140			
Chrysene	28.3	1.0	30.000		94.2	40 - 140			
Butylbenzylphthalate	29.5	20	30.000		98.5	40 - 140			
3,3-Dichlorobenzidine	39.0	10	30.000		130	40 - 140			
bis(2-Ethylhexyl)phthalate	29.3	2.0	30.000		97.7	40 - 140			
Di-n-octylphthalate	31.0	20	30.000		103	40 - 140			
Benzo[b]fluoranthene	29.3	0.080	30.000		97.8	40 - 140			
Benzo[k]fluoranthene	25.5	0.30	30.000		85.1	40 - 140			
Benzo[a]pyrene	29.7	0.20	30.000		98.9	40 - 140			
Indeno[1,2,3-cd]pyrene	36.2	0.20	30.000		121	40 - 140			
Dibenz[a,h]anthracene	35.5	0.20	30.000		118	40 - 140			
Benzo[g,h,i]perylene	37.8	0.40	30.000		126	40 - 140			
Surrogate: 2-Fluorophenol					44.0	15 - 110			
Surrogate: Phenol-d6					29.1	15 - 110			

CET #:4120260

Project: Harbor Drive, Middletown

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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LCS (B4L1513-BS1) - Continued

Prepared: 12/15/2014 Analyzed: 12/17/2014

Surrogate: Nitrobenzene-d5

81.6 30 - 130

Surrogate: 2-Fluorobiphenyl

84.2 30 - 130

Surrogate: 2,4,6-Tribromophenol

87.6 15 - 110

Surrogate: Terphenyl-d14

82.9 30 - 130

Batch B4L1730 - EPA 200.7

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B4L1730-BLK1)

Prepared: 12/17/2014 Analyzed: 12/17/2014

Lead	ND	0.013							
Selenium	ND	0.010							
Cadmium	ND	0.0050							
Chromium	ND	0.050							
Arsenic	ND	0.0040							
Barium	ND	0.050							
Silver	ND	0.012							
Copper	ND	0.040							
Nickel	ND	0.050							
Zinc	ND	0.020							
Beryllium	ND	0.0040							
Antimony	ND	0.050							
Thallium	ND	0.050							
Vanadium	ND	0.050							

LCS (B4L1730-BS1)

Prepared: 12/17/2014 Analyzed: 12/17/2014

Lead	0.196	0.013	0.200		97.9	85 - 115			
Selenium	0.408	0.010	0.400		102	85 - 115			
Cadmium	0.209	0.0050	0.200		105	85 - 115			
Chromium	0.202	0.050	0.200		101	85 - 115			
Arsenic	0.210	0.0040	0.200		105	85 - 115			
Barium	0.203	0.050	0.200		102	85 - 115			
Silver	0.0933	0.012	0.100		93.3	85 - 115			
Copper	0.203	0.040	0.200		102	85 - 115			
Nickel	0.209	0.050	0.200		104	85 - 115			
Zinc	0.222	0.020	0.200		111	85 - 115			
Beryllium	0.207	0.0040	0.200		103	85 - 115			
Antimony	0.109	0.050	0.100		109	85 - 115			
Thallium	0.204	0.050	0.200		102	85 - 115			
Vanadium	0.206	0.050	0.200		103	85 - 115			

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Tighe & Bond

Project Location: Harbor Drive, Middletown

Project Number:

Laboratory Sample ID(s):

4120260-01 thru 4120260-06

Sample Date(s):

12/08/2014

List RCP Methods Used:

CT-ETPH, EPA 335.4, EPA 7470A, EPA 8260C, EPA 8270D

CET #: 4120260

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

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

This form may not be altered and all questions must be answered.

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

Authorized Signature:

Position: Laboratory Director

Printed Name: David Ditta

Date: 12/19/2014

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2,2-Dichloropropane	MS	Low			57.7	4120260-04
Acetone	MS	Low			60.5	4120260-04
Dichlorodifluoromethane	MS	Low			31.7	4120260-04
2,2-Dichloropropane	LCS	Low			63.5	B4L1502
3-Nitroaniline	LCS	High			160	B4L1513
4-Chloroaniline	LCS	High			172	B4L1513

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B4L1201		4120260-01	MW-1	CT-ETPH	Water	12/08/2014
B4L1201		4120260-02	Equipment Blank (H)	CT-ETPH	Water	12/08/2014
B4L1201		4120260-03	MW-5	CT-ETPH	Water	12/08/2014
B4L1201		4120260-04	MW-3	CT-ETPH	Water	12/08/2014
B4L1201		4120260-05	Equipment Blank (WLM)	CT-ETPH	Water	12/08/2014
B4L1730	S4L1707	4120260-01	MW-1	EPA 200.7	Water	12/08/2014
B4L1730	S4L1707	4120260-02	Equipment Blank (H)	EPA 200.7	Water	12/08/2014
B4L1730	S4L1707	4120260-03	MW-5	EPA 200.7	Water	12/08/2014
B4L1730	S4L1707	4120260-04	MW-3	EPA 200.7	Water	12/08/2014
B4L1730	S4L1707	4120260-05	Equipment Blank (WLM)	EPA 200.7	Water	12/08/2014
B4L1503		4120260-01	MW-1	EPA 335.4	Water	12/08/2014
B4L1503		4120260-02	Equipment Blank (H)	EPA 335.4	Water	12/08/2014
B4L1503		4120260-03	MW-5	EPA 335.4	Water	12/08/2014
B4L1503		4120260-04	MW-3	EPA 335.4	Water	12/08/2014
B4L1503		4120260-05	Equipment Blank (WLM)	EPA 335.4	Water	12/08/2014
B4L1506		4120260-01	MW-1	EPA 7470A	Water	12/08/2014
B4L1506		4120260-02	Equipment Blank (H)	EPA 7470A	Water	12/08/2014
B4L1506		4120260-03	MW-5	EPA 7470A	Water	12/08/2014
B4L1506		4120260-04	MW-3	EPA 7470A	Water	12/08/2014
B4L1506		4120260-05	Equipment Blank (WLM)	EPA 7470A	Water	12/08/2014
B4L1137		4120260-01	MW-1	EPA 8260C	Water	12/08/2014
B4L1137		4120260-02	Equipment Blank (H)	EPA 8260C	Water	12/08/2014
B4L1137		4120260-03	MW-5	EPA 8260C	Water	12/08/2014
B4L1137		4120260-04	MW-3	EPA 8260C	Water	12/08/2014
B4L1502		4120260-05	Equipment Blank (WLM)	EPA 8260C	Water	12/08/2014
B4L1502		4120260-06	Trip Blank	EPA 8260C	Water	12/08/2014
B4L1513	S4L1709	4120260-01	MW-1	EPA 8270D	Water	12/08/2014
B4L1513	S4L1709	4120260-02	Equipment Blank (H)	EPA 8270D	Water	12/08/2014
B4L1513	S4L1709	4120260-03	MW-5	EPA 8270D	Water	12/08/2014
B4L1513	S4L1709	4120260-04	MW-3	EPA 8270D	Water	12/08/2014
B4L1513	S4L1709	4120260-05	Equipment Blank (WLM)	EPA 8270D	Water	12/08/2014



COMPLETE ENVIRONMENTAL TESTING, INC.

F CUSTODY RECORD

CET # _____

Volatile Soils Only: _____

Date and Time in Freezer _____

Client: _____

CET: _____

Additional Analysis _____

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Sample ID	Date/Time	Matrix A=Air S=Soil W=Water DM=Drinking W. C=Cassette Solid Wipe Other (Specify)	Turnaround Time ** (check one)			
			Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)
MW-1	12/8 12:03	W	X			
Equipment Blank (H)	12/8 10:41	W	X			
MW-5	12/8 9:20	W	X			
MW-3	12/8 3:00	W	X			
Equipment Blank (L/M)	12/8 3:55	W	X			
Trip Blk	12/8 9:00	W	X			

Organics	Metals (check all that apply)	Additional Analysis	TOTAL # OF CONT.
8260 CT List			7
8260 Aromatics			
8260 Halogens			
CT ETPH			
8270 CT List			
8270 PNAs			
PCBs			
Pesticides			
Herbicides			
13 Priority Poll			
8 RCRA			
TOTAL			
TCLP			
SPLP			
Field Filtered			
Lab To Filter			
		Cyanide	
		RCR Metals (Total)	
			7
			7
			7
			9
			2
			39

RESERVED BY: _____ DATE/TIME: 12/8 4:15 RECEIVED BY: JPB Fridge
 RELINQUISHED BY: _____ DATE/TIME: 12/10 11:30 RECEIVED BY: _____
 RELINQUISHED BY: _____ DATE/TIME: 12-10-14 RECEIVED BY: _____

NOTES: _____

Client / Reporting Information
 Company Name: Tigue + Bond
 Address: 213 Court St Middletown, CT 06457
 City: Middletown State: CT Zip: 06457
 Report To: Amy Vallancourt E-mail: _____

Project Information
 Project Contact: Amy Vallancourt PO #: 22118511
 Project: Harbor Drive
 Location: Middletown, CT Collector(s): DSS

Phone # _____ Fax # _____

Lab Use: Evidence of Cooling: 4.0°C or N SHEET 1 OF 1
 Temp Upon Receipt: _____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV. 12/11

80 Lupes Drive
Stratford, CT 06615



Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Ms. Amy Vaillancourt
Tighe & Bond
213 Court St Suite 900
Middletown, CT 06457

Analytical Report

CET# 4120376

Report Date: December 22, 2014
Project: Harbor Drive, Middletown
Project Number: 22118511

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate.: M-CT903



New York Certification: 11982
Rhode Island Certification: 199

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

SAMPLE SUMMARY

The sample(s) were received at 3.1°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
MW-6	4120376-01	Water	12/11/2014 13:40	12/16/2014
DUP	4120376-02	Water	12/11/2014 10:51	12/16/2014
MW-4	4120376-03	Water	12/11/2014 10:50	12/16/2014
MW-2	4120376-04	Water	12/11/2014 9:00	12/16/2014
Trip Blank	4120376-05	Water	12/11/2014 8:00	12/16/2014

Analyte: Cyanide,Total [EPA 335.4]

Analyst: CC

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4120376-01	MW-6	ND	0.050	mg/L	1	B4L1816	12/18/2014	12/18/2014 15:46	
4120376-02	DUP	ND	0.050	mg/L	1	B4L1816	12/18/2014	12/18/2014 15:46	
4120376-03	MW-4	ND	0.050	mg/L	1	B4L1816	12/18/2014	12/18/2014 15:46	
4120376-04	MW-2	ND	0.050	mg/L	1	B4L1816	12/18/2014	12/18/2014 15:46	

Analyte: Mercury [EPA 7470A]

Analyst: MS

Matrix: Water

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4120376-01	MW-6	ND	0.00040	mg/L	1	B4L1715	12/17/2014	12/17/2014 13:10	
4120376-02	DUP	ND	0.00040	mg/L	1	B4L1715	12/17/2014	12/17/2014 13:12	
4120376-03	MW-4	ND	0.00040	mg/L	1	B4L1715	12/17/2014	12/17/2014 13:14	
4120376-04	MW-2	ND	0.00040	mg/L	1	B4L1715	12/17/2014	12/17/2014 13:17	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-6**Lab ID: 4120376-01****Total Metals****Method: EPA 200.7****Analyst: SS****Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Selenium	ND	0.010	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Chromium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Barium	0.36	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Silver	ND	0.012	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Copper	ND	0.040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Nickel	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Zinc	ND	0.020	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Antimony	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Thallium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	
Vanadium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 21:55	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B4L1705	12/17/2014	12/18/2014 06:25	
<i>Surrogate: Octacosane</i>	75.3 %	50 - 150			B4L1705	12/17/2014	12/18/2014 06:25	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Pyridine	ND	4.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	

Complete Environmental Testing, Inc.

80 Lupes Drive, Stratford, CT 06615 • Tel: 203-377-9984 • Fax: 203-377-9952 • www.cetlabs.com

Page 3 of 43

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-6

Lab ID: 4120376-01

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Aniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Naphthalene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Isophorone	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Acenaphthene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Fluorene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	*F1
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-6

Lab ID: 4120376-01

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Phenanthrene	ND	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Anthracene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Carbazole	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Fluoranthene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Pyrene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Chrysene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 19:49	

Surrogate: 2-Fluorophenol	32.4 %	15 - 110	B4L1712	12/17/2014	12/18/2014 19:49
Surrogate: Phenol-d6	21.4 %	15 - 110	B4L1712	12/17/2014	12/18/2014 19:49
Surrogate: Nitrobenzene-d5	65.2 %	30 - 130	B4L1712	12/17/2014	12/18/2014 19:49
Surrogate: 2-Fluorobiphenyl	63.7 %	30 - 130	B4L1712	12/17/2014	12/18/2014 19:49
Surrogate: 2,4,6-Tribromophenol	81.8 %	15 - 110	B4L1712	12/17/2014	12/18/2014 19:49
Surrogate: Terphenyl-d14	70.1 %	30 - 130	B4L1712	12/17/2014	12/18/2014 19:49

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-6

Lab ID: 4120376-01

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Acetone	ND	50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Chloroform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Benzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Toluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
2-Hexanone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-6

Lab ID: 4120376-01

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Styrene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Bromoform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:20	

Surrogate: 1,2-Dichloroethane-d4	93.7 %	70 - 130		B4L1826	12/18/2014	12/18/2014 14:20
Surrogate: Toluene-d8	99.9 %	70 - 130		B4L1826	12/18/2014	12/18/2014 14:20
Surrogate: 4-Bromofluorobenzene	98.0 %	70 - 130		B4L1826	12/18/2014	12/18/2014 14:20

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID DUP

Lab ID: 4120376-02

Total Metals

Method: EPA 200.7

Analyst: SS

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Selenium	ND	0.010	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Chromium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Arsenic	0.0060	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Barium	0.21	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Silver	ND	0.012	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Copper	ND	0.040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Nickel	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Zinc	0.045	0.020	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Antimony	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Thallium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	
Vanadium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:10	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	0.26	0.10	1	EPA 3510C	B4L1705	12/17/2014	12/18/2014 06:49	R

Surrogate: Octacosane 88.2 % 50 - 150 B4L1705 12/17/2014 12/18/2014 06:49

R Unknown C9-C28 Range

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Pyridine	ND	4.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	

Complete Environmental Testing, Inc.

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CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID DUP

Lab ID: 4120376-02

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Aniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Naphthalene	4.0	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Isophorone	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Acenaphthene	13	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Fluorene	5.0	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	*F1
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID DUP

Lab ID: 4120376-02

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Phenanthrene	6.9	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Anthracene	1.8	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Carbazole	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Fluoranthene	1.3	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Pyrene	1.3	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Benzo[a]anthracene	0.14	0.060	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Chrysene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 20:32	

Surrogate: 2-Fluorophenol	30.0 %	15 - 110	B4L1712	12/17/2014	12/18/2014 20:32
Surrogate: Phenol-d6	19.6 %	15 - 110	B4L1712	12/17/2014	12/18/2014 20:32
Surrogate: Nitrobenzene-d5	55.6 %	30 - 130	B4L1712	12/17/2014	12/18/2014 20:32
Surrogate: 2-Fluorobiphenyl	55.3 %	30 - 130	B4L1712	12/17/2014	12/18/2014 20:32
Surrogate: 2,4,6-Tribromophenol	73.4 %	15 - 110	B4L1712	12/17/2014	12/18/2014 20:32
Surrogate: Terphenyl-d14	70.3 %	30 - 130	B4L1712	12/17/2014	12/18/2014 20:32

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID DUP

Lab ID: 4120376-02

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Acetone	ND	50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Chloroform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Benzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Toluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
2-Hexanone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID DUP

Lab ID: 4120376-02

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Styrene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Bromoform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2,4-Trimethylbenzene	1.9	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
Naphthalene	9.8	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 14:47	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	95.7 %	70 - 130		B4L1826	12/18/2014	12/18/2014 14:47
<i>Surrogate: Toluene-d8</i>	97.1 %	70 - 130		B4L1826	12/18/2014	12/18/2014 14:47
<i>Surrogate: 4-Bromofluorobenzene</i>	97.2 %	70 - 130		B4L1826	12/18/2014	12/18/2014 14:47

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-4

Lab ID: 4120376-03

Total Metals

Method: EPA 200.7

Analyst: SS

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Selenium	ND	0.010	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Chromium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Barium	0.21	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Silver	ND	0.012	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Copper	ND	0.040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Nickel	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Zinc	0.039	0.020	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Antimony	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Thallium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	
Vanadium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:15	

Conn. Extractable TPH

Method: CT-ETPH

Analyst: TD

Matrix: Water

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	0.25	0.10	1	EPA 3510C	B4L1705	12/17/2014	12/18/2014 07:13	R

Surrogate: Octacosane 93.6 % 50 - 150 B4L1705 12/17/2014 12/18/2014 07:13

R Unknown C9-C28 Range

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Pyridine	ND	4.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	

Complete Environmental Testing, Inc.

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CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-4

Lab ID: 4120376-03

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Aniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Naphthalene	4.8	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Isophorone	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2-Methyl Naphthalene	1.3	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Acenaphthene	16	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Dibenzofuran	1.2	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Fluorene	6.1	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	*F1
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-4

Lab ID: 4120376-03

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Phenanthrene	7.5	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Anthracene	1.9	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Carbazole	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Fluoranthene	1.4	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Pyrene	1.3	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Benzo[a]anthracene	0.14	0.060	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Chrysene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:13	

Surrogate: 2-Fluorophenol	30.1 %	15 - 110	B4L1712	12/17/2014	12/18/2014 21:13
Surrogate: Phenol-d6	20.0 %	15 - 110	B4L1712	12/17/2014	12/18/2014 21:13
Surrogate: Nitrobenzene-d5	61.8 %	30 - 130	B4L1712	12/17/2014	12/18/2014 21:13
Surrogate: 2-Fluorobiphenyl	63.2 %	30 - 130	B4L1712	12/17/2014	12/18/2014 21:13
Surrogate: 2,4,6-Tribromophenol	75.8 %	15 - 110	B4L1712	12/17/2014	12/18/2014 21:13
Surrogate: Terphenyl-d14	69.4 %	30 - 130	B4L1712	12/17/2014	12/18/2014 21:13

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-4

Lab ID: 4120376-03

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Acetone	ND	50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Chloroform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Benzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Toluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
2-Hexanone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-4

Lab ID: 4120376-03

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Styrene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Bromoform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2,4-Trimethylbenzene	1.8	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
Naphthalene	10	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:17	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.3 %</i>	<i>70 - 130</i>			B4L1826	12/18/2014	<i>12/18/2014 15:17</i>
<i>Surrogate: Toluene-d8</i>	<i>96.0 %</i>	<i>70 - 130</i>			B4L1826	12/18/2014	<i>12/18/2014 15:17</i>
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>96.1 %</i>	<i>70 - 130</i>			B4L1826	12/18/2014	<i>12/18/2014 15:17</i>

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-2**Lab ID: 4120376-04****Total Metals****Method: EPA 200.7****Analyst: SS****Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Selenium	ND	0.010	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Cadmium	ND	0.0050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Chromium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Arsenic	ND	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Barium	0.16	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Silver	ND	0.012	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Copper	ND	0.040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Nickel	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Zinc	ND	0.020	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Beryllium	ND	0.0040	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Antimony	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Thallium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	
Vanadium	ND	0.050	1	EPA 3005A	B4L1821	12/18/2014	12/18/2014 22:20	

Conn. Extractable TPH**Method: CT-ETPH****Analyst: TD****Matrix: Water**

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
ETPH	ND	0.10	1	EPA 3510C	B4L1705	12/17/2014	12/18/2014 07:36	
<i>Surrogate: Octacosane</i>	<i>82.8 %</i>	<i>50 - 150</i>			B4L1705	12/17/2014	<i>12/18/2014 07:36</i>	

Semivolatile Organics**Method: EPA 8270D****Analyst: ALB****Matrix: Water**

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
1,3-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
n-Nitroso-di-n-propylamine	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Pyridine	ND	4.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
n-Nitroso-dimethylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	

Complete Environmental Testing, Inc.

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CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-2

Lab ID: 4120376-04

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
bis(2-Chloroethyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Aniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2-Chlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
1,4-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Benzyl Alcohol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
1,2-Dichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
bis(2-Chloroisopropyl)ether	ND	10	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Hexachloroethane	ND	3.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2-Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
3+4 Methyl Phenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Naphthalene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2-Nitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,4-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Hexachlorobutadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
4-Chloro-3-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Nitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Isophorone	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,4-Dimethylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
bis(2-Chloroethoxy)methane	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Benzoic Acid	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
1,2,4-Trichlorobenzene	ND	5.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,6-Dichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
4-Chloroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	*F2
1,2,4,5-Tetrachlorobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2-Methyl Naphthalene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Acenaphthylene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Acenaphthene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Dibenzofuran	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Fluorene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Hexachlorocyclopentadiene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,4,6-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,4,5-Trichlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,4-Dinitrophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	*F1
4-Nitrophenol	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2-Chloronaphthalene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Dimethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,6-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
4-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-2

Lab ID: 4120376-04

Semivolatile Organics

Method: EPA 8270D

Analyst: ALB

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
2,4-Dinitrotoluene	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
2,3,4,6-Tetrachlorophenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
4-Chlorophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Diethylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Phenanthrene	ND	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Anthracene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Carbazole	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Fluoranthene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Pyrene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
n-Nitrosodiphenylamine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Pentachlorophenol	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
3-Nitroaniline	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	*F2
4,6-Dinitro-2-methylphenol	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
1,2-Diphenylhydrazine	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
4-Bromophenyl-phenylether	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Hexachlorobenzene	ND	0.077	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Pentachloronitrobenzene	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Di-n-butylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Benzo[a]anthracene	ND	0.060	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Chrysene	ND	1.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Butylbenzylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
3,3-Dichlorobenzidine	ND	75	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
bis(2-Ethylhexyl)phthalate	ND	2.0	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Di-n-octylphthalate	ND	20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Benzo[b]fluoranthene	ND	0.080	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Benzo[k]fluoranthene	ND	0.30	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Benzo[a]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Indeno[1,2,3-cd]pyrene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Dibenz[a,h]anthracene	ND	0.20	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	
Benzo[g,h,i]perylene	ND	0.40	1	EPA 3510C	B4L1712	12/17/2014	12/18/2014 21:54	

Surrogate: 2-Fluorophenol	29.7 %	15 - 110	B4L1712	12/17/2014	12/18/2014 21:54
Surrogate: Phenol-d6	19.1 %	15 - 110	B4L1712	12/17/2014	12/18/2014 21:54
Surrogate: Nitrobenzene-d5	60.4 %	30 - 130	B4L1712	12/17/2014	12/18/2014 21:54
Surrogate: 2-Fluorobiphenyl	61.3 %	30 - 130	B4L1712	12/17/2014	12/18/2014 21:54
Surrogate: 2,4,6-Tribromophenol	81.1 %	15 - 110	B4L1712	12/17/2014	12/18/2014 21:54
Surrogate: Terphenyl-d14	73.1 %	30 - 130	B4L1712	12/17/2014	12/18/2014 21:54

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-2

Lab ID: 4120376-04

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Acetone	ND	50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Chloroform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Benzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Toluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
2-Hexanone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID MW-2

Lab ID: 4120376-04

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Styrene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Bromoform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
4-Isopropyltoluene	7.9	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 15:44	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.5 %</i>	<i>70 - 130</i>			B4L1826	12/18/2014	<i>12/18/2014 15:44</i>	
<i>Surrogate: Toluene-d8</i>	<i>96.4 %</i>	<i>70 - 130</i>			B4L1826	12/18/2014	<i>12/18/2014 15:44</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>98.7 %</i>	<i>70 - 130</i>			B4L1826	12/18/2014	<i>12/18/2014 15:44</i>	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID Trip Blank

Lab ID: 4120376-05

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Chloromethane	ND	2.7	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Vinyl Chloride	ND	1.6	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Bromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Chloroethane	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Trichlorofluoromethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Acetone	ND	50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Acrylonitrile	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Trichlorotrifluoroethane	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,1-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Methylene Chloride	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Carbon Disulfide	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
trans-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,1-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
2-Butanone (MEK)	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
2,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
cis-1,2-Dichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Chloroform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Tetrahydrofuran	ND	5.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,1,1-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Carbon Tetrachloride	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,1-Dichloropropene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Benzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2-Dichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Trichloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2-Dichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Dibromomethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Bromodichloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Methyl Isobutyl Ketone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
cis-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Toluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
trans-1,3-Dichloropropene	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
2-Hexanone	ND	25	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,1,2-Trichloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Tetrachloroethene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,3-Dichloropropane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Dibromochloromethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2-Dibromoethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Client Sample ID Trip Blank

Lab ID: 4120376-05

Volatile Organics

Method: EPA 8260C

Analyst: JS

Matrix: Water

Analyte	Result (ug/L)	RL (ug/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	10	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Chlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,1,1,2-Tetrachloroethane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Ethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
m+p Xylenes	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
o-Xylene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Styrene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Bromoform	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Isopropylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,1,2,2-Tetrachloroethane	ND	0.50	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Bromobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2,3-Trichloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
n-Propylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
2-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
4-Chlorotoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,3,5-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
tert-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2,4-Trimethylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
sec-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,3-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
4-Isopropyltoluene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,4-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2-Dichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
n-Butylbenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2-Dibromo-3-Chloropropane	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2,4-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Hexachlorobutadiene	ND	0.45	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
Naphthalene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	
1,2,3-Trichlorobenzene	ND	1.0	1	EPA 5030C	B4L1826	12/18/2014	12/18/2014 16:13	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.2 %	70 - 130		B4L1826	12/18/2014	12/18/2014 16:13
<i>Surrogate: Toluene-d8</i>	98.7 %	70 - 130		B4L1826	12/18/2014	12/18/2014 16:13
<i>Surrogate: 4-Bromofluorobenzene</i>	99.4 %	70 - 130		B4L1826	12/18/2014	12/18/2014 16:13

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

QUALITY CONTROL SECTION

Batch B4L1705 - CT-ETPH

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1705-BLK1)									Prepared: 12/17/2014 Analyzed: 12/18/2014
ETPH	ND	0.10							
<i>Surrogate: Octacosane</i>					83.9	50 - 150			
LCS (B4L1705-BS1)									Prepared: 12/17/2014 Analyzed: 12/18/2014
ETPH	3.45	0.10	5.000		69.1	60 - 120			
<i>Surrogate: Octacosane</i>					83.7	50 - 150			

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Batch B4L1712 - EPA 8270D

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1712-BLK1)					Prepared: 12/17/2014 Analyzed: 12/18/2014				
Phenol	ND	20							
1,3-Dichlorobenzene	ND	5.0							
n-Nitroso-di-n-propylamine	ND	10							
Pyridine	ND	4.0							
n-Nitroso-dimethylamine	ND	20							
bis(2-Chloroethyl)ether	ND	10							
Aniline	ND	20							
2-Chlorophenol	ND	20							
1,4-Dichlorobenzene	ND	5.0							
Benzyl Alcohol	ND	20							
1,2-Dichlorobenzene	ND	5.0							
bis(2-Chloroisopropyl)ether	ND	10							
Hexachloroethane	ND	3.0							
2-Methyl Phenol	ND	20							
3+4 Methyl Phenol	ND	20							
Naphthalene	ND	1.0							
2-Nitrophenol	ND	20							
2,4-Dichlorophenol	ND	20							
Hexachlorobutadiene	ND	20							
4-Chloro-3-methylphenol	ND	20							
Nitrobenzene	ND	20							
Isophorone	ND	20							
2,4-Dimethylphenol	ND	20							
bis(2-Chloroethoxy)methane	ND	20							
Benzoic Acid	ND	20							
1,2,4-Trichlorobenzene	ND	5.0							
2,6-Dichlorophenol	ND	20							
4-Chloroaniline	ND	20							
1,2,4,5-Tetrachlorobenzene	ND	20							
2-Methyl Naphthalene	ND	1.0							
Acenaphthylene	ND	0.30							
Acenaphthene	ND	1.0							
Dibenzofuran	ND	1.0							
Fluorene	ND	1.0							
Hexachlorocyclopentadiene	ND	20							
2,4,6-Trichlorophenol	ND	20							
2,4,5-Trichlorophenol	ND	20							
2,4-Dinitrophenol	ND	20							
4-Nitrophenol	ND	75							
2-Chloronaphthalene	ND	20							
2-Nitroaniline	ND	20							
Dimethylphthalate	ND	20							
2,6-Dinitrotoluene	ND	75							
4-Nitroaniline	ND	20							
2,4-Dinitrotoluene	ND	75							
2,3,4,6-Tetrachlorophenol	ND	20							
4-Chlorophenyl-phenylether	ND	20							
Diethylphthalate	ND	20							
Phenanthrene	ND	0.077							
Anthracene	ND	1.0							
Carbazole	ND	1.0							
Fluoranthene	ND	1.0							

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CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1712-BLK1) - Continued					Prepared: 12/17/2014 Analyzed: 12/18/2014				
Pyrene	ND	1.0							
n-Nitrosodiphenylamine	ND	20							
Pentachlorophenol	ND	1.0							
3-Nitroaniline	ND	20							
4,6-Dinitro-2-methylphenol	ND	20							
1,2-Diphenylhydrazine	ND	20							
4-Bromophenyl-phenylether	ND	20							
Hexachlorobenzene	ND	0.077							
Pentachloronitrobenzene	ND	20							
Di-n-butylphthalate	ND	20							
Benzo[a]anthracene	ND	0.060							
Chrysene	ND	1.0							
Butylbenzylphthalate	ND	20							
3,3-Dichlorobenzidine	ND	75							
bis(2-Ethylhexyl)phthalate	ND	2.0							
Di-n-octylphthalate	ND	20							
Benzo[b]fluoranthene	ND	0.080							
Benzo[k]fluoranthene	ND	0.30							
Benzo[a]pyrene	ND	0.20							
Indeno[1,2,3-cd]pyrene	ND	0.20							
Dibenz[a,h]anthracene	ND	0.20							
Benzo[g,h,i]perylene	ND	0.40							

Surrogate: 2-Fluorophenol

26.3 15 - 110

Surrogate: Phenol-d6

17.4 15 - 110

Surrogate: Nitrobenzene-d5

54.5 30 - 130

Surrogate: 2-Fluorobiphenyl

54.1 30 - 130

Surrogate: 2,4,6-Tribromophenol

62.2 15 - 110

Surrogate: Terphenyl-d14

61.4 30 - 130

LCS (B4L1712-BS1)

Prepared: 12/17/2014 Analyzed: 12/18/2014

Phenol	10.7	10	30.000		35.7	30 - 130			
1,3-Dichlorobenzene	23.8	5.0	30.000		79.4	40 - 140			
n-Nitroso-di-n-propylamine	25.3	10	30.000		84.2	40 - 140			
Pyridine	12.5	4.0	30.000		41.7	40 - 140			
n-Nitroso-dimethylamine	16.7	10	30.000		55.6	40 - 140			
bis(2-Chloroethyl)ether	22.6	10	30.000		75.3	40 - 140			
Aniline	26.6	20	30.000		88.7	40 - 140			
2-Chlorophenol	22.8	20	30.000		75.9	30 - 130			
1,4-Dichlorobenzene	22.7	5.0	30.000		75.7	40 - 140			
Benzyl Alcohol	22.7	20	30.000		75.6	30 - 130			
1,2-Dichlorobenzene	23.5	5.0	30.000		78.4	40 - 140			
bis(2-Chloroisopropyl)ether	24.2	10	30.000		80.8	40 - 140			
Hexachloroethane	21.2	3.0	30.000		70.5	40 - 140			
2-Methyl Phenol	20.4	20	30.000		68.0	30 - 130			
3+4 Methyl Phenol	19.0	10	30.000		63.4	30 - 130			
Naphthalene	25.2	1.0	30.000		83.8	40 - 140			
2-Nitrophenol	23.9	20	30.000		79.8	30 - 130			
2,4-Dichlorophenol	26.7	20	30.000		89.1	30 - 130			
Hexachlorobutadiene	23.0	20	30.000		76.7	40 - 140			
4-Chloro-3-methylphenol	26.2	20	30.000		87.2	30 - 130			
Nitrobenzene	24.1	20	30.000		80.4	40 - 140			
Isophorone	26.1	20	30.000		87.0	40 - 140			
2,4-Dimethylphenol	24.7	20	30.000		82.3	30 - 130			

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CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
LCS (B4L1712-BS1) - Continued					Prepared: 12/17/2014 Analyzed: 12/18/2014				
bis(2-Chloroethoxy)methane	27.4	20	30.000		91.4	40 - 140			
Benzoic Acid	12.5	10	30.000		41.6	30 - 130			
1,2,4-Trichlorobenzene	24.4	5.0	30.000		81.3	40 - 140			
2,6-Dichlorophenol	24.4	20	30.000		81.4	30 - 130			
4-Chloroaniline	64.5	20	30.000		215	40 - 140			H
1,2,4,5-Tetrachlorobenzene	26.0	20	30.000		86.8	40 - 140			
2-Methyl Naphthalene	25.8	1.0	30.000		86.0	40 - 140			
Acenaphthylene	25.1	0.30	30.000		83.5	40 - 140			
Acenaphthene	26.3	1.0	30.000		87.8	40 - 140			
Dibenzofuran	27.5	1.0	30.000		91.6	40 - 140			
Fluorene	24.6	1.0	30.000		81.9	40 - 140			
Hexachlorocyclopentadiene	16.7	10	30.000		55.5	40 - 140			
2,4,6-Trichlorophenol	28.2	20	30.000		94.1	30 - 130			
2,4,5-Trichlorophenol	29.1	20	30.000		96.9	30 - 130			
2,4-Dinitrophenol	6.92	5.0	30.000		23.1	30 - 130			L
4-Nitrophenol	17.2	10	30.000		57.3	30 - 130			
2-Chloronaphthalene	26.5	20	30.000		88.4	40 - 140			
2-Nitroaniline	30.6	20	30.000		102	40 - 140			
Dimethylphthalate	29.2	20	30.000		97.5	40 - 140			
2,6-Dinitrotoluene	29.6	10	30.000		98.6	40 - 140			
4-Nitroaniline	30.2	20	30.000		101	40 - 140			
2,4-Dinitrotoluene	30.4	10	30.000		101	40 - 140			
2,3,4,6-Tetrachlorophenol	30.0	20	30.000		100	30 - 130			
4-Chlorophenyl-phenylether	27.3	20	30.000		91.0	40 - 140			
Diethylphthalate	27.3	20	30.000		91.0	40 - 140			
Phenanthrene	26.9	0.077	30.000		89.5	40 - 140			
Anthracene	27.5	1.0	30.000		91.7	40 - 140			
Carbazole	35.4	1.0	30.000		118	40 - 140			
Fluoranthene	26.5	1.0	30.000		88.4	40 - 140			
Pyrene	26.4	1.0	30.000		88.1	40 - 140			
n-Nitrosodiphenylamine	27.4	20	30.000		91.4	40 - 140			
Pentachlorophenol	31.5	1.0	30.000		105	30 - 130			
3-Nitroaniline	52.6	20	30.000		175	40 - 140			H
4,6-Dinitro-2-methylphenol	15.8	10	30.000		52.7	30 - 130			
1,2-Diphenylhydrazine	25.9	20	30.000		86.4	40 - 140			
4-Bromophenyl-phenylether	27.6	20	30.000		92.1	40 - 140			
Hexachlorobenzene	27.4	0.077	30.000		91.3	40 - 140			
Pentachloronitrobenzene	29.4	20	30.000		98.1	40 - 140			
Di-n-butylphthalate	25.7	20	30.000		85.8	40 - 140			
Benzo[a]anthracene	26.7	0.060	30.000		89.1	40 - 140			
Chrysene	27.4	1.0	30.000		91.2	40 - 140			
Butylbenzylphthalate	29.0	20	30.000		96.5	40 - 140			
3,3-Dichlorobenzidine	31.5	10	30.000		105	40 - 140			
bis(2-Ethylhexyl)phthalate	28.5	2.0	30.000		95.1	40 - 140			
Di-n-octylphthalate	30.2	20	30.000		101	40 - 140			
Benzo[b]fluoranthene	29.0	0.080	30.000		96.5	40 - 140			
Benzo[k]fluoranthene	24.8	0.30	30.000		82.8	40 - 140			
Benzo[a]pyrene	29.8	0.20	30.000		99.3	40 - 140			
Indeno[1,2,3-cd]pyrene	31.9	0.20	30.000		106	40 - 140			
Dibenz[a,h]anthracene	31.3	0.20	30.000		104	40 - 140			
Benzo[g,h,i]perylene	31.7	0.40	30.000		106	40 - 140			
Surrogate: 2-Fluorophenol					44.6	15 - 110			
Surrogate: Phenol-d6					28.8	15 - 110			

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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LCS (B4L1712-BS1) - Continued

Prepared: 12/17/2014 Analyzed: 12/18/2014

Surrogate: Nitrobenzene-d5

82.6 30 - 130

Surrogate: 2-Fluorobiphenyl

83.3 30 - 130

Surrogate: 2,4,6-Tribromophenol

82.3 15 - 110

Surrogate: Terphenyl-d14

77.6 30 - 130

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Batch B4L1715 - EPA 7470A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1715-BLK1)									Prepared: 12/17/2014 Analyzed: 12/17/2014
Mercury	ND	0.00040							
LCS (B4L1715-BS1)									Prepared: 12/17/2014 Analyzed: 12/17/2014
Mercury	0.00512	0.00040	0.005		102	90 - 110			

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Batch B4L1816 - EPA 335.4

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1816-BLK1)									Prepared: 12/18/2014 Analyzed: 12/18/2014
Cyanide,Total	ND	0.050							
LCS (B4L1816-BS1)									Prepared: 12/18/2014 Analyzed: 12/18/2014
Cyanide,Total	0.17	0.050	0.200		85.0	80 - 120			

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Batch B4L1821 - EPA 200.7

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B4L1821-BLK1)

Prepared: 12/18/2014 Analyzed: 12/18/2014

Lead	ND	0.013							
Selenium	ND	0.010							
Cadmium	ND	0.0050							
Chromium	ND	0.050							
Arsenic	ND	0.0040							
Barium	ND	0.050							
Silver	ND	0.012							
Copper	ND	0.040							
Nickel	ND	0.050							
Zinc	ND	0.020							
Beryllium	ND	0.0040							
Antimony	ND	0.050							
Thallium	ND	0.050							
Vanadium	ND	0.050							

LCS (B4L1821-BS1)

Prepared: 12/18/2014 Analyzed: 12/18/2014

Lead	0.206	0.013	0.200	103	85 - 115
Selenium	0.394	0.010	0.400	98.5	85 - 115
Cadmium	0.210	0.0050	0.200	105	85 - 115
Chromium	0.207	0.050	0.200	103	85 - 115
Arsenic	0.202	0.0040	0.200	101	85 - 115
Barium	0.207	0.050	0.200	103	85 - 115
Silver	0.0926	0.012	0.100	92.6	85 - 115
Copper	0.202	0.040	0.200	101	85 - 115
Nickel	0.207	0.050	0.200	103	85 - 115
Zinc	0.217	0.020	0.200	108	85 - 115
Beryllium	0.205	0.0040	0.200	103	85 - 115
Antimony	0.0975	0.050	0.100	97.5	85 - 115
Thallium	0.205	0.050	0.200	102	85 - 115
Vanadium	0.204	0.050	0.200	102	85 - 115

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Batch B4L1826 - EPA 8260C

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4L1826-BLK1)									Prepared: 12/18/2014 Analyzed: 12/18/2014
Dichlorodifluoromethane	ND	10							
Chloromethane	ND	2.7							
Vinyl Chloride	ND	1.6							
Bromomethane	ND	1.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	25							
Acetone	ND	50							
Acrylonitrile	ND	0.50							
Trichlorotrifluoroethane	ND	25							
1,1-Dichloroethene	ND	1.0							
Methylene Chloride	ND	5.0							
Carbon Disulfide	ND	1.0							
Methyl-t-Butyl Ether (MTBE)	ND	5.0							
trans-1,2-Dichloroethene	ND	1.0							
1,1-Dichloroethane	ND	1.0							
2-Butanone (MEK)	ND	25							
2,2-Dichloropropane	ND	1.0							
cis-1,2-Dichloroethene	ND	1.0							
Chloroform	ND	1.0							
Tetrahydrofuran	ND	5.0							
1,1,1-Trichloroethane	ND	1.0							
Carbon Tetrachloride	ND	1.0							
1,1-Dichloropropene	ND	1.0							
Benzene	ND	1.0							
1,2-Dichloroethane	ND	1.0							
Trichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
Dibromomethane	ND	1.0							
Bromodichloromethane	ND	0.50							
Methyl Isobutyl Ketone	ND	25							
cis-1,3-Dichloropropene	ND	0.50							
Toluene	ND	1.0							
trans-1,3-Dichloropropene	ND	0.50							
2-Hexanone	ND	25							
1,1,2-Trichloroethane	ND	1.0							
Tetrachloroethene	ND	1.0							
1,3-Dichloropropane	ND	0.50							
Dibromochloromethane	ND	0.50							
1,2-Dibromoethane	ND	0.50							
trans-1,4-Dichloro-2-Butene	ND	10							
Chlorobenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
Ethylbenzene	ND	1.0							
m+p Xylenes	ND	1.0							
o-Xylene	ND	1.0							
Styrene	ND	1.0							
Bromoform	ND	1.0							
Isopropylbenzene	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	0.50							
Bromobenzene	ND	1.0							
1,2,3-Trichloropropane	ND	1.0							
n-Propylbenzene	ND	1.0							

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CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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Blank (B4L1826-BLK1) - Continued

Prepared: 12/18/2014 Analyzed: 12/18/2014

2-Chlorotoluene	ND	1.0							
4-Chlorotoluene	ND	1.0							
1,3,5-Trimethylbenzene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,2,4-Trimethylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
n-Butylbenzene	ND	1.0							
1,2-Dibromo-3-Chloropropane	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
Hexachlorobutadiene	ND	0.45							
Naphthalene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							

Surrogate: 1,2-Dichloroethane-d4

97.0 70 - 130

Surrogate: Toluene-d8

100 70 - 130

Surrogate: 4-Bromofluorobenzene

99.2 70 - 130

LCS (B4L1826-BS1)

Prepared: 12/18/2014 Analyzed: 12/18/2014

Dichlorodifluoromethane	48.7	10	50.000		97.5	70 - 130			
Chloromethane	49.0	2.7	50.000		98.0	70 - 130			
Vinyl Chloride	54.4	1.6	50.000		109	70 - 130			
Bromomethane	55.3	1.0	50.000		111	70 - 130			
Chloroethane	59.2	5.0	50.000		118	70 - 130			
Trichlorofluoromethane	51.2	25	50.000		102	70 - 130			
Acetone	87.9	50	100.000		87.9	70 - 130			
Acrylonitrile	50.9	0.50	50.000		102	70 - 130			
Trichlorotrifluoroethane	53.8	25	50.000		108	70 - 130			
1,1-Dichloroethene	54.2	1.0	50.000		108	70 - 130			
Methylene Chloride	52.5	5.0	50.000		105	70 - 130			
Carbon Disulfide	53.3	1.0	50.000		107	70 - 130			
Methyl-t-Butyl Ether (MTBE)	52.5	5.0	50.000		105	70 - 130			
trans-1,2-Dichloroethene	55.5	1.0	50.000		111	70 - 130			
1,1-Dichloroethane	57.4	1.0	50.000		115	70 - 130			
2-Butanone (MEK)	108	25	100.000		108	70 - 130			
2,2-Dichloropropane	56.4	1.0	50.000		113	70 - 130			
cis-1,2-Dichloroethene	55.4	1.0	50.000		111	70 - 130			
Chloroform	48.7	1.0	50.000		97.4	70 - 130			
Tetrahydrofuran	52.9	5.0	50.000		106	70 - 130			
1,1,1-Trichloroethane	51.6	1.0	50.000		103	70 - 130			
Carbon Tetrachloride	50.6	1.0	50.000		101	70 - 130			
1,1-Dichloropropene	52.5	1.0	50.000		105	70 - 130			
Benzene	53.7	1.0	50.000		107	70 - 130			
1,2-Dichloroethane	51.3	1.0	50.000		103	70 - 130			
Trichloroethene	50.0	1.0	50.000		100	70 - 130			
1,2-Dichloropropane	53.9	1.0	50.000		108	70 - 130			
Dibromomethane	51.7	1.0	50.000		103	70 - 130			
Bromodichloromethane	51.0	0.50	50.000		102	70 - 130			
Methyl Isobutyl Ketone	108	25	100.000		108	70 - 130			
cis-1,3-Dichloropropene	54.6	0.50	50.000		109	70 - 130			
Toluene	54.7	1.0	50.000		109	70 - 130			

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
LCS (B4L1826-BS1) - Continued					Prepared: 12/18/2014 Analyzed: 12/18/2014				
trans-1,3-Dichloropropene	54.3	0.50	50.000		109	70 - 130			
2-Hexanone	109	25	100.000		109	70 - 130			
1,1,2-Trichloroethane	54.8	1.0	50.000		110	70 - 130			
Tetrachloroethene	53.0	1.0	50.000		106	70 - 130			
1,3-Dichloropropane	52.8	0.50	50.000		106	70 - 130			
Dibromochloromethane	54.0	0.50	50.000		108	70 - 130			
1,2-Dibromoethane	53.7	0.50	50.000		107	70 - 130			
trans-1,4-Dichloro-2-Butene	55.6	10	50.000		111	70 - 130			
Chlorobenzene	55.0	1.0	50.000		110	70 - 130			
1,1,1,2-Tetrachloroethane	52.2	1.0	50.000		104	70 - 130			
Ethylbenzene	53.8	1.0	50.000		108	70 - 130			
m+p Xylenes	111	1.0	100.000		111	70 - 130			
o-Xylene	54.9	1.0	50.000		110	70 - 130			
Styrene	56.3	1.0	50.000		113	70 - 130			
Bromoform	52.8	1.0	50.000		106	70 - 130			
Isopropylbenzene	53.6	1.0	50.000		107	70 - 130			
1,1,2,2-Tetrachloroethane	58.8	0.50	50.000		118	70 - 130			
Bromobenzene	54.9	1.0	50.000		110	70 - 130			
1,2,3-Trichloropropane	55.9	1.0	50.000		112	70 - 130			
n-Propylbenzene	56.3	1.0	50.000		113	70 - 130			
2-Chlorotoluene	54.1	1.0	50.000		108	70 - 130			
4-Chlorotoluene	55.0	1.0	50.000		110	70 - 130			
1,3,5-Trimethylbenzene	53.7	1.0	50.000		107	70 - 130			
tert-Butylbenzene	50.8	1.0	50.000		102	70 - 130			
1,2,4-Trimethylbenzene	53.7	1.0	50.000		107	70 - 130			
sec-Butylbenzene	54.9	1.0	50.000		110	70 - 130			
1,3-Dichlorobenzene	54.1	1.0	50.000		108	70 - 130			
4-Isopropyltoluene	54.6	1.0	50.000		109	70 - 130			
1,4-Dichlorobenzene	54.3	1.0	50.000		109	70 - 130			
1,2-Dichlorobenzene	55.3	1.0	50.000		111	70 - 130			
n-Butylbenzene	56.4	1.0	50.000		113	70 - 130			
1,2-Dibromo-3-Chloropropane	52.4	1.0	50.000		105	70 - 130			
1,2,4-Trichlorobenzene	51.9	1.0	50.000		104	70 - 130			
Hexachlorobutadiene	48.4	0.45	50.000		96.9	70 - 130			
Naphthalene	51.6	1.0	50.000		103	70 - 130			
1,2,3-Trichlorobenzene	49.2	1.0	50.000		98.5	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					<i>106</i>	<i>70 - 130</i>			
<i>Surrogate: Toluene-d8</i>					<i>100</i>	<i>70 - 130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>					<i>98.7</i>	<i>70 - 130</i>			
Duplicate (B4L1826-DUP1)					Source: 4120376-03 Prepared: 12/18/2014 Analyzed: 12/18/2014				
Dichlorodifluoromethane	48.7	10		ND				30	
Chloromethane	49.0	2.7		ND				30	
Vinyl Chloride	54.4	1.6		ND				30	
Bromomethane	55.3	1.0		ND				30	
Chloroethane	59.2	5.0		ND				30	
Trichlorofluoromethane	51.2	25		ND				30	
Acetone	87.9	50		ND				30	
Acrylonitrile	50.9	0.50		ND				30	
Trichlorotrifluoroethane	53.8	25		ND				30	
1,1-Dichloroethene	54.2	1.0		ND				30	
Methylene Chloride	52.5	5.0		ND				30	
Carbon Disulfide	53.3	1.0		ND				30	

Complete Environmental Testing, Inc.

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CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec Limits	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (B4L1826-DUP1) - Continued		Source: 4120376-03			Prepared: 12/18/2014 Analyzed: 12/18/2014				
Methyl-t-Butyl Ether (MTBE)	52.5	5.0		ND				30	
trans-1,2-Dichloroethene	55.5	1.0		ND				30	
1,1-Dichloroethane	57.4	1.0		ND				30	
2-Butanone (MEK)	108	25		ND				30	
2,2-Dichloropropane	56.4	1.0		ND				30	
cis-1,2-Dichloroethene	55.4	1.0		ND				30	
Chloroform	48.7	1.0		ND				30	
Tetrahydrofuran	52.9	5.0		ND				30	
1,1,1-Trichloroethane	51.6	1.0		ND				30	
Carbon Tetrachloride	50.6	1.0		ND				30	
1,1-Dichloropropene	52.5	1.0		ND				30	
Benzene	53.7	1.0		ND				30	
1,2-Dichloroethane	51.3	1.0		ND				30	
Trichloroethene	50.0	1.0		ND				30	
1,2-Dichloropropane	53.9	1.0		ND				30	
Dibromomethane	51.7	1.0		ND				30	
Bromodichloromethane	51.0	0.50		ND				30	
Methyl Isobutyl Ketone	108	25		ND				30	
cis-1,3-Dichloropropene	54.6	0.50		ND				30	
Toluene	54.7	1.0		ND				30	
trans-1,3-Dichloropropene	54.3	0.50		ND				30	
2-Hexanone	109	25		ND				30	
1,1,2-Trichloroethane	54.8	1.0		ND				30	
Tetrachloroethene	53.0	1.0		ND				30	
1,3-Dichloropropane	52.8	0.50		ND				30	
Dibromochloromethane	54.0	0.50		ND				30	
1,2-Dibromoethane	53.7	0.50		ND				30	
trans-1,4-Dichloro-2-Butene	55.6	10		ND				30	
Chlorobenzene	55.0	1.0		ND				30	
1,1,1,2-Tetrachloroethane	52.2	1.0		ND				30	
Ethylbenzene	53.8	1.0		ND				30	
m+p Xylenes	111	1.0		ND				30	
o-Xylene	54.9	1.0		ND				30	
Styrene	56.3	1.0		ND				30	
Bromoform	52.8	1.0		ND				30	
Isopropylbenzene	53.6	1.0		ND				30	
1,1,2,2-Tetrachloroethane	58.8	0.50		ND				30	
Bromobenzene	54.9	1.0		ND				30	
1,2,3-Trichloropropane	55.9	1.0		ND				30	
n-Propylbenzene	56.3	1.0		ND				30	
2-Chlorotoluene	54.1	1.0		ND				30	
4-Chlorotoluene	55.0	1.0		ND				30	
1,3,5-Trimethylbenzene	53.7	1.0		ND				30	
tert-Butylbenzene	50.8	1.0		ND				30	
1,2,4-Trimethylbenzene	53.7	1.0		1.81			187	30	D
sec-Butylbenzene	54.9	1.0		ND				30	
1,3-Dichlorobenzene	54.1	1.0		ND				30	
4-Isopropyltoluene	54.6	1.0		ND				30	
1,4-Dichlorobenzene	54.3	1.0		ND				30	
1,2-Dichlorobenzene	55.3	1.0		ND				30	
n-Butylbenzene	56.4	1.0		ND				30	
1,2-Dibromo-3-Chloropropane	52.4	1.0		ND				30	
1,2,4-Trichlorobenzene	51.9	1.0		ND				30	

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Duplicate (B4L1826-DUP1) - Continued		Source: 4120376-03			Prepared: 12/18/2014 Analyzed: 12/18/2014				
Hexachlorobutadiene	48.4	0.45		ND				30	
Naphthalene	51.6	1.0		10.1			135	30	D
1,2,3-Trichlorobenzene	49.2	1.0		ND				30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>					106	70 - 130			
<i>Surrogate: Toluene-d8</i>					100	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>					98.7	70 - 130			
Matrix Spike (B4L1826-MS1)		Source: 4120376-01			Prepared: 12/18/2014 Analyzed: 12/18/2014				
Dichlorodifluoromethane	42.6	10	50.000	ND	85.2	70 - 130			
Chloromethane	48.6	2.7	50.000	ND	97.3	70 - 130			
Vinyl Chloride	51.8	1.6	50.000	ND	104	70 - 130			
Bromomethane	50.6	1.0	50.000	ND	101	70 - 130			
Chloroethane	56.1	5.0	50.000	ND	112	70 - 130			
Trichlorofluoromethane	57.1	25	50.000	ND	114	70 - 130			
Acetone	65.3	50	100.000	ND	65.3	70 - 130			L
Acrylonitrile	49.3	0.50	50.000	ND	98.6	70 - 130			
Trichlorotrifluoroethane	46.2	25	50.000	ND	92.3	70 - 130			
1,1-Dichloroethene	48.7	1.0	50.000	ND	97.4	70 - 130			
Methylene Chloride	46.6	5.0	50.000	ND	93.1	70 - 130			
Carbon Disulfide	38.3	1.0	50.000	ND	76.7	70 - 130			
Methyl-t-Butyl Ether (MTBE)	51.3	5.0	50.000	ND	103	70 - 130			
trans-1,2-Dichloroethene	51.6	1.0	50.000	ND	103	70 - 130			
1,1-Dichloroethane	52.6	1.0	50.000	ND	105	70 - 130			
2-Butanone (MEK)	99.4	25	100.000	ND	99.4	70 - 130			
2,2-Dichloropropane	43.0	1.0	50.000	ND	86.0	70 - 130			
cis-1,2-Dichloroethene	54.1	1.0	50.000	ND	108	70 - 130			
Chloroform	47.6	1.0	50.000	ND	95.1	70 - 130			
Tetrahydrofuran	47.9	5.0	50.000	ND	95.8	70 - 130			
1,1,1-Trichloroethane	49.6	1.0	50.000	ND	99.2	70 - 130			
Carbon Tetrachloride	47.3	1.0	50.000	ND	94.6	70 - 130			
1,1-Dichloropropene	49.7	1.0	50.000	ND	99.3	70 - 130			
Benzene	50.1	1.0	50.000	ND	100	70 - 130			
1,2-Dichloroethane	50.8	1.0	50.000	ND	102	70 - 130			
Trichloroethene	46.2	1.0	50.000	ND	92.4	70 - 130			
1,2-Dichloropropane	51.2	1.0	50.000	ND	102	70 - 130			
Dibromomethane	49.9	1.0	50.000	ND	99.8	70 - 130			
Bromodichloromethane	49.4	0.50	50.000	ND	98.9	70 - 130			
Methyl Isobutyl Ketone	104	25	100.000	ND	104	70 - 130			
cis-1,3-Dichloropropene	50.1	0.50	50.000	ND	100	70 - 130			
Toluene	51.3	1.0	50.000	ND	103	70 - 130			
trans-1,3-Dichloropropene	49.4	0.50	50.000	ND	98.9	70 - 130			
2-Hexanone	103	25	100.000	ND	103	70 - 130			
1,1,2-Trichloroethane	53.8	1.0	50.000	ND	108	70 - 130			
Tetrachloroethene	49.7	1.0	50.000	ND	99.5	70 - 130			
1,3-Dichloropropane	52.7	0.50	50.000	ND	105	70 - 130			
Dibromochloromethane	48.3	0.50	50.000	ND	96.5	70 - 130			
1,2-Dibromoethane	50.4	0.50	50.000	ND	101	70 - 130			
trans-1,4-Dichloro-2-Butene	43.8	10	50.000	ND	87.5	70 - 130			
Chlorobenzene	50.7	1.0	50.000	ND	101	70 - 130			
1,1,1,2-Tetrachloroethane	49.0	1.0	50.000	ND	98.0	70 - 130			
Ethylbenzene	49.9	1.0	50.000	ND	99.8	70 - 130			
m+p Xylenes	97.4	1.0	100.000	ND	97.4	70 - 130			
o-Xylene	48.5	1.0	50.000	ND	97.1	70 - 130			

CET #:4120376

Project: Harbor Drive, Middletown

Project Number: 22118511

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Matrix Spike (B4L1826-MS1) - Continued		Source: 4120376-01			Prepared: 12/18/2014 Analyzed: 12/18/2014				
Styrene	40.1	1.0	50.000	ND	80.3	70 - 130			
Bromoform	43.4	1.0	50.000	ND	86.8	70 - 130			
Isopropylbenzene	50.1	1.0	50.000	ND	100	70 - 130			
1,1,2,2-Tetrachloroethane	58.5	0.50	50.000	ND	117	70 - 130			
Bromobenzene	53.1	1.0	50.000	ND	106	70 - 130			
1,2,3-Trichloropropane	54.2	1.0	50.000	ND	108	70 - 130			
n-Propylbenzene	52.7	1.0	50.000	ND	105	70 - 130			
2-Chlorotoluene	52.0	1.0	50.000	ND	104	70 - 130			
4-Chlorotoluene	51.8	1.0	50.000	ND	104	70 - 130			
1,3,5-Trimethylbenzene	47.2	1.0	50.000	ND	94.4	70 - 130			
tert-Butylbenzene	48.9	1.0	50.000	ND	97.8	70 - 130			
1,2,4-Trimethylbenzene	46.0	1.0	50.000	ND	92.0	70 - 130			
sec-Butylbenzene	51.7	1.0	50.000	ND	103	70 - 130			
1,3-Dichlorobenzene	50.9	1.0	50.000	ND	102	70 - 130			
4-Isopropyltoluene	49.0	1.0	50.000	ND	98.0	70 - 130			
1,4-Dichlorobenzene	51.3	1.0	50.000	ND	103	70 - 130			
1,2-Dichlorobenzene	50.8	1.0	50.000	ND	102	70 - 130			
n-Butylbenzene	51.3	1.0	50.000	ND	103	70 - 130			
1,2-Dibromo-3-Chloropropane	48.5	1.0	50.000	ND	97.1	70 - 130			
1,2,4-Trichlorobenzene	48.6	1.0	50.000	ND	97.1	70 - 130			
Hexachlorobutadiene	46.6	0.45	50.000	ND	93.1	70 - 130			
Naphthalene	50.6	1.0	50.000	ND	101	70 - 130			
1,2,3-Trichlorobenzene	48.5	1.0	50.000	ND	97.0	70 - 130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>					106	70 - 130			
<i>Surrogate: Toluene-d8</i>					100	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>					98.5	70 - 130			

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199



REASONABLE CONFIDENCE PROTOCOL LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc.

Client: Tighe & Bond

Project Location: Harbor Drive, Middletown

Project Number: 22118511

Laboratory Sample ID(s):

4120376-01 thru 4120376-05

Sample Date(s):

12/11/2014

List RCP Methods Used:

CT-ETPH, EPA 335.4, EPA 7470A, EPA 8260C, EPA 8270D

CET #: 4120376

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

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

This form may not be altered and all questions must be answered.

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

Authorized Signature:

Position: Laboratory Director

Printed Name: David Ditta

Date: 12/22/2014

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

RCP Case Narrative

4- See Exceptions Report Below

4- Exceptions Report

Analyte	QC Type	Exception	Result	RPD	Recovery (%)	Batch/Sequence Sample ID
2,4-Dinitrophenol	LCS	Low			23.1	B4L1712
3-Nitroaniline	LCS	High			175	B4L1712
4-Chloroaniline	LCS	High			215	B4L1712
1,2,4-Trimethylbenzene	DUP	>RPD		187		B4L1826-DUP1
Naphthalene	DUP	>RPD		135		B4L1826-DUP1
Acetone	MS	Low			65.3	4120376-01

QC Batch/Sequence Report

Batch	Sequence	CET ID	Sample ID	Specific Method	Matrix	Collection Date
B4L1705		4120376-01	MW-6	CT-ETPH	Water	12/11/2014
B4L1705		4120376-02	DUP	CT-ETPH	Water	12/11/2014
B4L1705		4120376-03	MW-4	CT-ETPH	Water	12/11/2014
B4L1705		4120376-04	MW-2	CT-ETPH	Water	12/11/2014
B4L1821	S4L1807	4120376-01	MW-6	EPA 200.7	Water	12/11/2014
B4L1821	S4L1807	4120376-02	DUP	EPA 200.7	Water	12/11/2014
B4L1821	S4L1807	4120376-03	MW-4	EPA 200.7	Water	12/11/2014
B4L1821	S4L1807	4120376-04	MW-2	EPA 200.7	Water	12/11/2014
B4L1816		4120376-01	MW-6	EPA 335.4	Water	12/11/2014
B4L1816		4120376-02	DUP	EPA 335.4	Water	12/11/2014
B4L1816		4120376-03	MW-4	EPA 335.4	Water	12/11/2014
B4L1816		4120376-04	MW-2	EPA 335.4	Water	12/11/2014
B4L1715		4120376-01	MW-6	EPA 7470A	Water	12/11/2014
B4L1715		4120376-02	DUP	EPA 7470A	Water	12/11/2014
B4L1715		4120376-03	MW-4	EPA 7470A	Water	12/11/2014
B4L1715		4120376-04	MW-2	EPA 7470A	Water	12/11/2014
B4L1826		4120376-01	MW-6	EPA 8260C	Water	12/11/2014
B4L1826		4120376-02	DUP	EPA 8260C	Water	12/11/2014
B4L1826		4120376-03	MW-4	EPA 8260C	Water	12/11/2014
B4L1826		4120376-04	MW-2	EPA 8260C	Water	12/11/2014
B4L1826		4120376-05	Trip Blank	EPA 8260C	Water	12/11/2014
B4L1712	S4L1908	4120376-01	MW-6	EPA 8270D	Water	12/11/2014
B4L1712	S4L1908	4120376-02	DUP	EPA 8270D	Water	12/11/2014
B4L1712	S4L1908	4120376-03	MW-4	EPA 8270D	Water	12/11/2014
B4L1712	S4L1908	4120376-04	MW-2	EPA 8270D	Water	12/11/2014



4 1 2 0 3 7 6

COMPLETE ENVIRONMENTAL TESTING, INC.

OF CUSTODY RECORD

CET #

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

Additional Analysis

Sample ID	Date/Time	Matrix A=Air S=Soil W=Water DW=Drinking W. O=Cassette Solid Wipe Other (Specify)	Turnaround Time ** (check one)				Organics										Metals (check all that apply)								Additional Analysis									
			Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Cyanide	RCP Metals (Total)	TOTAL # OF CONT.	NOTE #								
MW-6	12/11 14:00	W				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	7									
Dup	12/11 10:51	W				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	7									
MW-4	12/11 10:50	W				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	7									
MW-2	12/11 9:00	W				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	7									
Trip Blank	12/11 8:00	W				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2									

PRESERVATIVE (Cl-HCl, N-HNO ₃ , S-H ₂ SO ₄ , Na-NaOH, C=Cool, O-Other)	CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)	Soil VOCs Only (M=MeOH B=Sulfate W=Water F=Empty E=Encore)	RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
			Scott	12/11/11 2:40 PM	TTB	Fridge
			Michelle	12/11/11 1:53 PM		

Client / Reporting Information

Company Name: Tiobe + Bond
 Address: 213 Court St
 City: Middletown, CT State: 06457 Zip:
 Report To: Amy Vaillancourt E-mail:
 Phone #: Fax #:

Project Information

Project Contact: Amy Vaillancourt PO #:
 Project #: 22118511
 Location: Middletown, CT Collector(s): DSS
 QA/QC: Std Site Specific (MS/MSD) * RCP Pkg * DOAW *
 Data Report: Email PDF Excel Other
 RSR Reporting Limits (check one) GA GB SWP Other (specify)
 Lab Use: Evidence of Cooling: 3.1 °C or Y °F or N
 Temp Upon Receipt: 3.1 °C or Y °F or N

NOTES: Analysis within holding

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV. 12/11



Client: Ms. Amy Vaillancourt
Tighe & Bond
213 Court St Suite 900
Middletown, CT 06457

Analytical Report

CET# 5010461

Report Date: February 06, 2015
Project: Harbor Drive, Middletown
Project Number: M-1185
PO Number: M-1185

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate: M-CT903



New York Certification: 11982
Rhode Island Certification: 199

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

SAMPLE SUMMARY

The sample(s) were received at 0.2°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
HP-WC-Soil	5010461-01	Soil	1/30/2015 11:30	01/30/2015

Analyte: Total Solids [EPA 160.3 modified]

Analyst: JF

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
5010461-01	HP-WC-Soil	83	1.0	%	1	B5B0202	02/02/2015	02/02/2015 08:56	

CET #: 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID HP-WC-Soil

Lab ID: 5010461-01

TCLP Metals

Method: EPA 6020A

Analyst: SS

Matrix: Extract

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	0.21	0.013	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	
Selenium	ND	0.050	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	
Cadmium	ND	0.0050	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	
Chromium	ND	0.050	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	
Arsenic	ND	0.050	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	
Barium	0.53	0.050	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	
Silver	ND	0.020	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	
Mercury	ND	0.0020	1	EPA 3005A	B5A3102	01/31/2015	02/02/2015 19:10	

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Soil

Analyte	Result (mg/kg dry)	RL (mg/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1221	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1232	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1242	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1248	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1254	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1260	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1268	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	
PCB-1262	ND	0.24	1	EPA 3540C	B5B0420	02/04/2015	02/05/2015 20:26	

Surrogate: TCMX 57.9 % 50 - 150 B5B0420 02/04/2015 02/05/2015 20:26

Surrogate: DCB 76.9 % 50 - 150 B5B0420 02/04/2015 02/05/2015 20:26

CET #: 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID HP-WC-Soil

Lab ID: 5010461-01

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Dichlorodifluoromethane	ND	11	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	*F2
Chloromethane	ND	7.6	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Vinyl Chloride	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	*F2
Bromomethane	ND	7.6	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	*F2
Chloroethane	ND	7.6	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	*F2
Trichlorofluoromethane	ND	30	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	*F2
Acetone	ND	110	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Acrylonitrile	ND	6.1	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Trichlorotrifluoroethane	ND	30	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,1-Dichloroethene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Methylene Chloride	ND	38	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Carbon Disulfide	ND	7.6	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Methyl-t-Butyl Ether (MTBE)	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
trans-1,2-Dichloroethene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,1-Dichloroethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
2-Butanone (MEK)	ND	19	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
2,2-Dichloropropane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	*F2
cis-1,2-Dichloroethene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Chloroform	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Tetrahydrofuran	ND	19	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,1,1-Trichloroethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Carbon Tetrachloride	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,1-Dichloropropene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Benzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2-Dichloroethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Trichloroethene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2-Dichloropropane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Dibromomethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Bromodichloromethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Methyl Isobutyl Ketone	ND	19	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
cis-1,3-Dichloropropene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Toluene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
trans-1,3-Dichloropropene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
2-Hexanone	ND	19	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,1,2-Trichloroethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Tetrachloroethene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,3-Dichloropropane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Dibromochloromethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2-Dibromoethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	

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CET #: 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Client Sample ID HP-WC-Soil

Lab ID: 5010461-01

Volatile Organics

Analyst: TWF

Method: EPA 8260C

Matrix: Soil

Analyte	Result (ug/kg dry)	RL (ug/kg dry)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
trans-1,4-Dichloro-2-Butene	ND	19	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Chlorobenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,1,1,2-Tetrachloroethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Ethylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
m+p Xylenes	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
o-Xylene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Styrene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Bromoform	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Isopropylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,1,2,2-Tetrachloroethane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Bromobenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2,3-Trichloropropane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
n-Propylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
2-Chlorotoluene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
4-Chlorotoluene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,3,5-Trimethylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
tert-Butylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2,4-Trimethylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
sec-Butylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,3-Dichlorobenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
4-Isopropyltoluene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,4-Dichlorobenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2-Dichlorobenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
n-Butylbenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2-Dibromo-3-Chloropropane	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2,4-Trichlorobenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Hexachlorobutadiene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
Naphthalene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
1,2,3-Trichlorobenzene	ND	3.8	1.26	EPA 5035A-L	B5B0309	02/03/2015	02/03/2015 15:44	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>127 %</i>	<i>70 - 130</i>			B5B0309	02/03/2015	<i>02/03/2015 15:44</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70 - 130</i>			B5B0309	02/03/2015	<i>02/03/2015 15:44</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>86.9 %</i>	<i>70 - 130</i>			B5B0309	02/03/2015	<i>02/03/2015 15:44</i>	

CET #: 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

QUALITY CONTROL SECTION

Batch B5A3102 - EPA 6020A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B5A3102-BLK1)				Prepared: 1/31/2015 Analyzed: 2/2/2015					
Lead	ND	0.013							
Selenium	ND	0.050							
Cadmium	ND	0.0050							
Chromium	ND	0.050							
Arsenic	ND	0.050							
Barium	ND	0.050							
Silver	ND	0.020							
Mercury	ND	0.0020							
LCS (B5A3102-BS1)				Prepared: 1/31/2015 Analyzed: 2/2/2015					
Lead	0.194	0.013	0.200		97.0	80 - 120			
Selenium	0.416	0.050	0.400		104	80 - 120			
Cadmium	0.201	0.0050	0.200		101	80 - 120			
Chromium	0.191	0.050	0.200		95.7	80 - 120			
Arsenic	0.202	0.050	0.200		101	80 - 120			
Barium	0.196	0.050	0.200		97.9	80 - 120			
Silver	0.101	0.020	0.100		101	80 - 120			
Mercury	0.00489	0.0020	0.005		97.7	80 - 120			
Duplicate (B5A3102-DUP1)				Source: 5010461-01		Prepared: 1/31/2015 Analyzed: 2/2/2015			
Lead	0.206	0.013		0.210			1.95		20
Selenium	ND	0.050		ND					20
Cadmium	ND	0.0050		ND					20
Chromium	ND	0.050		ND					20
Arsenic	ND	0.050		ND					20
Barium	0.515	0.050		0.530			2.88		20
Silver	ND	0.020		ND					20
Mercury	ND	0.0020		ND					20
Matrix Spike (B5A3102-MS1)				Source: 5010461-01		Prepared: 1/31/2015 Analyzed: 2/2/2015			
Lead	0.409	0.013	0.200	0.210	99.2	75 - 125			
Selenium	0.408	0.050	0.400	ND	102	75 - 125			
Cadmium	0.201	0.0050	0.200	ND	100	75 - 125			
Chromium	0.183	0.050	0.200	ND	91.4	75 - 125			
Arsenic	0.198	0.050	0.200	ND	99.2	75 - 125			
Barium	0.696	0.050	0.200	0.530	83.0	75 - 125			
Silver	0.0941	0.020	0.100	ND	94.1	75 - 125			
Mercury	0.00510	0.0020	0.005	ND	102	75 - 125			
Matrix Spike Dup (B5A3102-MSD1)				Source: 5010461-01		Prepared: 1/31/2015 Analyzed: 2/2/2015			
Lead	0.407	0.013	0.200	0.210	98.5	75 - 125	0.365		20
Selenium	0.414	0.050	0.400	ND	104	75 - 125	1.48		20
Cadmium	0.199	0.0050	0.200	ND	99.4	75 - 125	0.925		20
Chromium	0.181	0.050	0.200	ND	90.4	75 - 125	1.09		20
Arsenic	0.203	0.050	0.200	ND	101	75 - 125	2.11		20
Barium	0.697	0.050	0.200	0.530	83.5	75 - 125	0.168		20
Silver	0.0927	0.020	0.100	ND	92.7	75 - 125	1.47		20
Mercury	0.00547	0.0020	0.005	ND	109	75 - 125	7.07		20

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B5B0309 - EPA 8260C

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B5B0309-BLK1)					Prepared: 2/3/2015 Analyzed: 2/3/2015				
Dichlorodifluoromethane	ND	7.5							
Chloromethane	ND	5.0							
Vinyl Chloride	ND	2.5							
Bromomethane	ND	5.0							
Chloroethane	ND	5.0							
Trichlorofluoromethane	ND	20							
Acetone	ND	75							
Acrylonitrile	ND	4.0							
Trichlorotrifluoroethane	ND	20							
1,1-Dichloroethene	ND	2.5							
Methylene Chloride	ND	25							
Carbon Disulfide	ND	5.0							
Methyl-t-Butyl Ether (MTBE)	ND	2.5							
trans-1,2-Dichloroethene	ND	2.5							
1,1-Dichloroethane	ND	2.5							
2-Butanone (MEK)	ND	13							
2,2-Dichloropropane	ND	2.5							
cis-1,2-Dichloroethene	ND	2.5							
Chloroform	ND	2.5							
Tetrahydrofuran	ND	13							
1,1,1-Trichloroethane	ND	2.5							
Carbon Tetrachloride	ND	2.5							
1,1-Dichloropropene	ND	2.5							
Benzene	ND	2.5							
1,2-Dichloroethane	ND	2.5							
Trichloroethene	ND	2.5							
1,2-Dichloropropane	ND	2.5							
Dibromomethane	ND	2.5							
Bromodichloromethane	ND	2.5							
Methyl Isobutyl Ketone	ND	13							
cis-1,3-Dichloropropene	ND	2.5							
Toluene	ND	2.5							
trans-1,3-Dichloropropene	ND	2.5							
2-Hexanone	ND	13							
1,1,2-Trichloroethane	ND	2.5							
Tetrachloroethene	ND	2.5							
1,3-Dichloropropane	ND	2.5							
Dibromochloromethane	ND	2.5							
1,2-Dibromoethane	ND	2.5							
trans-1,4-Dichloro-2-Butene	ND	13							
Chlorobenzene	ND	2.5							
1,1,1,2-Tetrachloroethane	ND	2.5							
Ethylbenzene	ND	2.5							
m+p Xylenes	ND	2.5							
o-Xylene	ND	2.5							
Styrene	ND	2.5							
Bromoform	ND	2.5							
Isopropylbenzene	ND	2.5							
1,1,2,2-Tetrachloroethane	ND	2.5							
Bromobenzene	ND	2.5							
1,2,3-Trichloropropane	ND	2.5							
n-Propylbenzene	ND	2.5							

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CET #: 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B5B0309-BLK1) - Continued

Prepared: 2/3/2015 Analyzed: 2/3/2015

2-Chlorotoluene	ND	2.5							
4-Chlorotoluene	ND	2.5							
1,3,5-Trimethylbenzene	ND	2.5							
tert-Butylbenzene	ND	2.5							
1,2,4-Trimethylbenzene	ND	2.5							
sec-Butylbenzene	ND	2.5							
1,3-Dichlorobenzene	ND	2.5							
4-Isopropyltoluene	ND	2.5							
1,4-Dichlorobenzene	ND	2.5							
1,2-Dichlorobenzene	ND	2.5							
n-Butylbenzene	ND	2.5							
1,2-Dibromo-3-Chloropropane	ND	2.5							
1,2,4-Trichlorobenzene	ND	2.5							
Hexachlorobutadiene	ND	2.5							
Naphthalene	ND	2.5							
1,2,3-Trichlorobenzene	ND	2.5							

Surrogate: 1,2-Dichloroethane-d4

120 70 - 130

Surrogate: Toluene-d8

105 70 - 130

Surrogate: 4-Bromofluorobenzene

90.6 70 - 130

LCS (B5B0309-BS1)

Prepared: 2/3/2015 Analyzed: 2/3/2015

Dichlorodifluoromethane	78.2	7.5	50.000		156	70 - 130			H
Chloromethane	62.9	5.0	50.000		126	70 - 130			
Vinyl Chloride	90.3	2.5	50.000		181	70 - 130			H
Bromomethane	105	5.0	50.000		209	70 - 130			H
Chloroethane	82.5	5.0	50.000		165	70 - 130			H
Trichlorofluoromethane	83.9	20	50.000		168	70 - 130			H
Acetone	126	75	100.000		126	70 - 130			
Acrylonitrile	64.7	4.0	50.000		129	70 - 130			
Trichlorotrifluoroethane	63.9	20	50.000		128	70 - 130			
1,1-Dichloroethene	58.1	2.5	50.000		116	70 - 130			
Methylene Chloride	63.5	25	50.000		127	70 - 130			
Carbon Disulfide	57.2	5.0	50.000		114	70 - 130			
Methyl-t-Butyl Ether (MTBE)	58.1	2.5	50.000		116	70 - 130			
trans-1,2-Dichloroethene	60.5	2.5	50.000		121	70 - 130			
1,1-Dichloroethane	63.9	2.5	50.000		128	70 - 130			
2-Butanone (MEK)	128	13	100.000		128	70 - 130			
2,2-Dichloropropane	71.6	2.5	50.000		143	70 - 130			H
cis-1,2-Dichloroethene	63.9	2.5	50.000		128	70 - 130			
Chloroform	64.2	2.5	50.000		128	70 - 130			
Tetrahydrofuran	47.7	13	50.000		95.3	70 - 130			
1,1,1-Trichloroethane	64.8	2.5	50.000		130	70 - 130			
Carbon Tetrachloride	60.2	2.5	50.000		120	70 - 130			
1,1-Dichloropropene	64.9	2.5	50.000		130	70 - 130			
Benzene	62.0	2.5	50.000		124	70 - 130			
1,2-Dichloroethane	64.0	2.5	50.000		128	70 - 130			
Trichloroethene	58.1	2.5	50.000		116	70 - 130			
1,2-Dichloropropane	64.2	2.5	50.000		128	70 - 130			
Dibromomethane	52.1	2.5	50.000		104	70 - 130			
Bromodichloromethane	64.5	2.5	50.000		129	70 - 130			
Methyl Isobutyl Ketone	128	13	100.000		128	70 - 130			
cis-1,3-Dichloropropene	62.2	2.5	50.000		124	70 - 130			
Toluene	64.4	2.5	50.000		129	70 - 130			

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Analyte	Result (ug/kg)	RL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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LCS (B5B0309-BS1) - Continued

Prepared: 2/3/2015 Analyzed: 2/3/2015

trans-1,3-Dichloropropene	64.6	2.5	50.000		129	70 - 130			
2-Hexanone	124	13	100.000		124	70 - 130			
1,1,2-Trichloroethane	62.7	2.5	50.000		125	70 - 130			
Tetrachloroethene	59.1	2.5	50.000		118	70 - 130			
1,3-Dichloropropane	62.4	2.5	50.000		125	70 - 130			
Dibromochloromethane	52.8	2.5	50.000		106	70 - 130			
1,2-Dibromoethane	49.4	2.5	50.000		98.8	70 - 130			
trans-1,4-Dichloro-2-Butene	53.9	13	50.000		108	70 - 130			
Chlorobenzene	54.7	2.5	50.000		109	70 - 130			
1,1,1,2-Tetrachloroethane	54.1	2.5	50.000		108	70 - 130			
Ethylbenzene	57.6	2.5	50.000		115	70 - 130			
m+p Xylenes	118	2.5	100.000		118	70 - 130			
o-Xylene	54.1	2.5	50.000		108	70 - 130			
Styrene	55.1	2.5	50.000		110	70 - 130			
Bromoform	51.0	2.5	50.000		102	70 - 130			
Isopropylbenzene	56.2	2.5	50.000		112	70 - 130			
1,1,2,2-Tetrachloroethane	50.8	2.5	50.000		102	70 - 130			
Bromobenzene	50.9	2.5	50.000		102	70 - 130			
1,2,3-Trichloropropane	47.2	2.5	50.000		94.3	70 - 130			
n-Propylbenzene	56.6	2.5	50.000		113	70 - 130			
2-Chlorotoluene	51.3	2.5	50.000		103	70 - 130			
4-Chlorotoluene	51.9	2.5	50.000		104	70 - 130			
1,3,5-Trimethylbenzene	52.0	2.5	50.000		104	70 - 130			
tert-Butylbenzene	49.3	2.5	50.000		98.5	70 - 130			
1,2,4-Trimethylbenzene	51.6	2.5	50.000		103	70 - 130			
sec-Butylbenzene	54.0	2.5	50.000		108	70 - 130			
1,3-Dichlorobenzene	48.6	2.5	50.000		97.1	70 - 130			
4-Isopropyltoluene	52.0	2.5	50.000		104	70 - 130			
1,4-Dichlorobenzene	50.5	2.5	50.000		101	70 - 130			
1,2-Dichlorobenzene	46.7	2.5	50.000		93.3	70 - 130			
n-Butylbenzene	56.0	2.5	50.000		112	70 - 130			
1,2-Dibromo-3-Chloropropane	48.2	2.5	50.000		96.4	70 - 130			
1,2,4-Trichlorobenzene	43.7	2.5	50.000		87.3	70 - 130			
Hexachlorobutadiene	46.8	2.5	50.000		93.5	70 - 130			
Naphthalene	41.7	2.5	50.000		83.3	70 - 130			
1,2,3-Trichlorobenzene	47.3	2.5	50.000		94.6	70 - 130			

Surrogate: 1,2-Dichloroethane-d4

115 70 - 130

Surrogate: Toluene-d8

107 70 - 130

Surrogate: 4-Bromofluorobenzene

94.8 70 - 130

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch B5B0420 - EPA 8082A

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Blank (B5B0420-BLK1)

Prepared: 2/4/2015 Analyzed: 2/5/2015

PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							

Surrogate: TCMX

75.3 50 - 150

Surrogate: DCB

88.3 50 - 150

LCS (B5B0420-BS1)

Prepared: 2/4/2015 Analyzed: 2/5/2015

PCB-1016	0.754	0.20	1.000		75.4	50 - 150			
PCB-1260	1.07	0.20	1.000		107	50 - 150			

Surrogate: TCMX

85.6 50 - 150

Surrogate: DCB

98.0 50 - 150

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

Batch S5B0607 - EPA 8082A

Analyte	Result (ug/L)	RL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Calibration Check (S5B0607-CCV1)					Prepared: 2/3/2015 Analyzed: 2/5/2015				
PCB-1016	997		1,000.000		99.7	80 - 120			
PCB-1260	1020		1,000.000		102	80 - 120			
<i>Surrogate: TCMX</i>					<i>97.5</i>	<i>50 - 150</i>			
<i>Surrogate: DCB</i>					<i>101</i>	<i>50 - 150</i>			



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

- Flags:
- H- Recovery is above the control limits
 - L- Recovery is below the control limits
 - B- Compound detected in the Blank
 - P- RPD of dual column results exceeds 40%
 - #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- *C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- *C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- *F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- *F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 6020A in Soil</i>	
Lead	CT,NY
Selenium	CT,NY
Cadmium	CT,NY
Chromium	CT,NY
Arsenic	CT,NY
Barium	CT,NY
Silver	CT,NY
Mercury	CT
<i>EPA 8082A in Soil</i>	
PCB-1016	CT,NY
PCB-1221	CT,NY
PCB-1232	CT,NY
PCB-1242	CT,NY
PCB-1248	CT,NY
PCB-1254	CT,NY
PCB-1260	CT,NY
PCB-1268	CT
PCB-1262	CT
<i>EPA 8082A in Solid</i>	
PCB-1016	CT,NY
PCB-1221	CT,NY
PCB-1232	CT,NY
PCB-1242	CT,NY
PCB-1248	CT,NY
PCB-1254	CT,NY
PCB-1260	CT,NY
PCB-1268	CT
PCB-1262	CT
<i>EPA 8260C in Soil</i>	
Dichlorodifluoromethane	CT,NY
Chloromethane	CT,NY
Vinyl Chloride	CT,NY
Bromomethane	CT,NY
Chloroethane	CT,NY
Trichlorofluoromethane	CT,NY
Acetone	CT,NY
Acrylonitrile	CT,NY
Trichlorotrifluoroethane	CT,NY
1,1-Dichloroethene	CT,NY
Methylene Chloride	CT,NY
Carbon Disulfide	CT,NY
Methyl-t-Butyl Ether (MTBE)	CT,NY
trans-1,2-Dichloroethene	CT,NY

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 8260C in Soil</i>	
1,1-Dichloroethane	CT,NY
2-Butanone (MEK)	CT,NY
2,2-Dichloropropane	CT,NY
cis-1,2-Dichloroethene	CT,NY
Chloroform	CT,NY
Tetrahydrofuran	CT
1,1,1-Trichloroethane	CT,NY
Carbon Tetrachloride	CT,NY
1,1-Dichloropropene	CT,NY
Benzene	CT,NY
1,2-Dichloroethane	CT,NY
Trichloroethene	CT,NY
1,2-Dichloropropane	CT,NY
Dibromomethane	CT,NY
Bromodichloromethane	CT,NY
Methyl Isobutyl Ketone	CT,NY
cis-1,3-Dichloropropene	CT,NY
Toluene	CT,NY
trans-1,3-Dichloropropene	CT,NY
2-Hexanone	CT,NY
1,1,2-Trichloroethane	CT,NY
Tetrachloroethene	CT,NY
1,3-Dichloropropane	CT,NY
Dibromochloromethane	CT,NY
1,2-Dibromoethane	CT,NY
trans-1,4-Dichloro-2-Butene	CT,NY
Chlorobenzene	CT,NY
1,1,1,2-Tetrachloroethane	CT,NY
Ethylbenzene	CT,NY
m+p Xylenes	CT,NY
o-Xylene	CT,NY
Styrene	CT,NY
Bromoform	CT,NY
Isopropylbenzene	CT,NY
1,1,2,2-Tetrachloroethane	CT,NY
Bromobenzene	CT,NY
1,2,3-Trichloropropane	CT,NY
n-Propylbenzene	CT,NY
2-Chlorotoluene	CT,NY
4-Chlorotoluene	CT,NY
1,3,5-Trimethylbenzene	CT,NY
tert-Butylbenzene	CT,NY
1,2,4-Trimethylbenzene	CT,NY
sec-Butylbenzene	CT,NY
1,3-Dichlorobenzene	CT,NY

CET # : 5010461

Project: Harbor Drive, Middletown

Project Number: M-1185

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 8260C in Soil</i>	
4-Isopropyltoluene	CT,NY
1,4-Dichlorobenzene	CT,NY
1,2-Dichlorobenzene	CT,NY
n-Butylbenzene	CT,NY
1,2-Dibromo-3-Chloropropane	CT,NY
1,2,4-Trichlorobenzene	CT,NY
Hexachlorobutadiene	CT,NY
Naphthalene	CT,NY
1,2,3-Trichlorobenzene	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2016
NY	New York Certification (NELAC)	11982	04/01/2015

